

# NX Mini pallet racking system with integration

**SMARTLINE**  
WINKELINTERIEUR

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### GENERAL INFORMATION

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### RACK INTEGRATION

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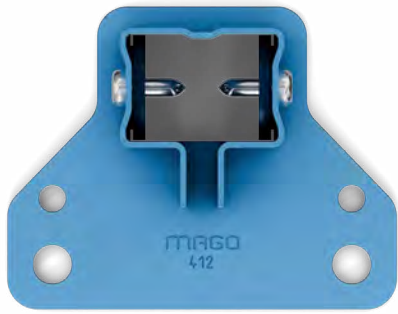
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### ACCESSORIES

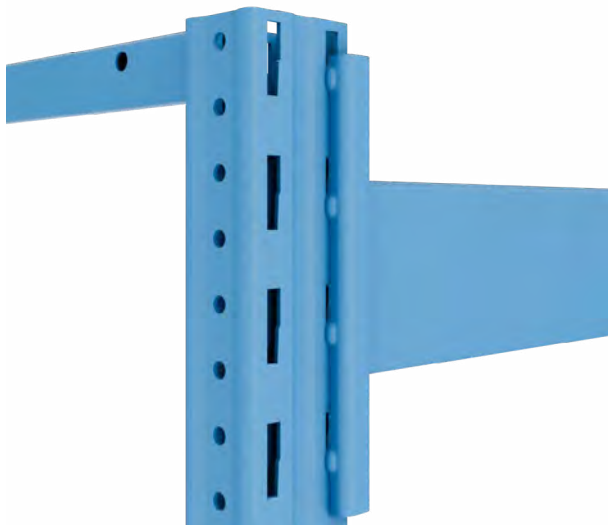
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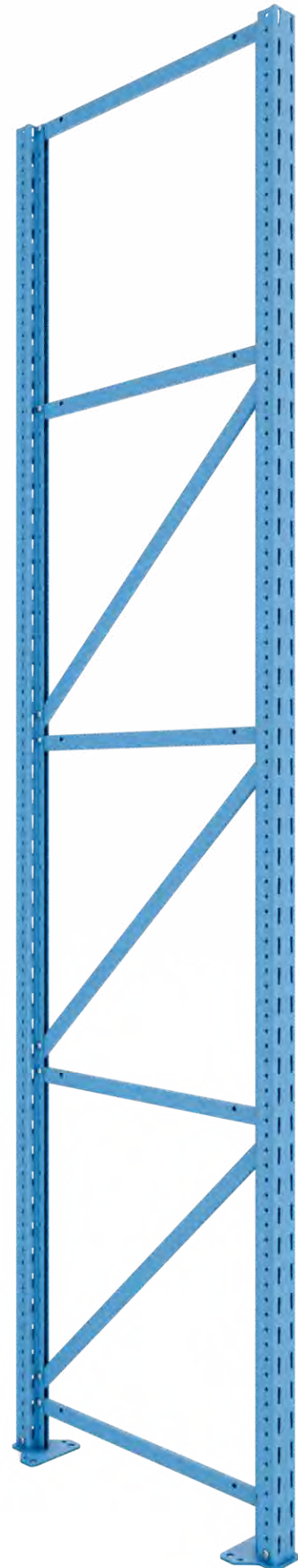
NX FRAMES MADE OF OPEN PROFILE OP 55X40



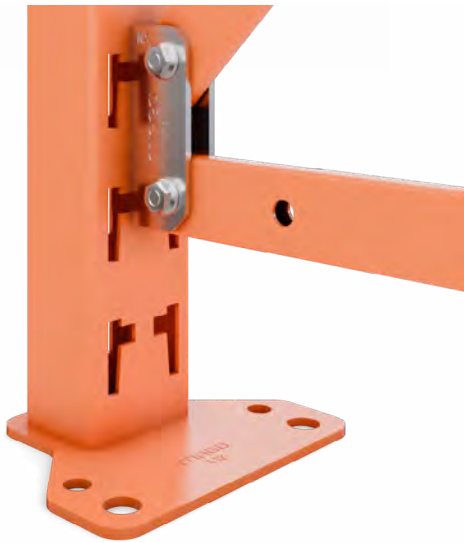
Bracing fixed directly in the profile frames using screws.



Traverses suspended from the front perforation with a pitch of 50 mm.



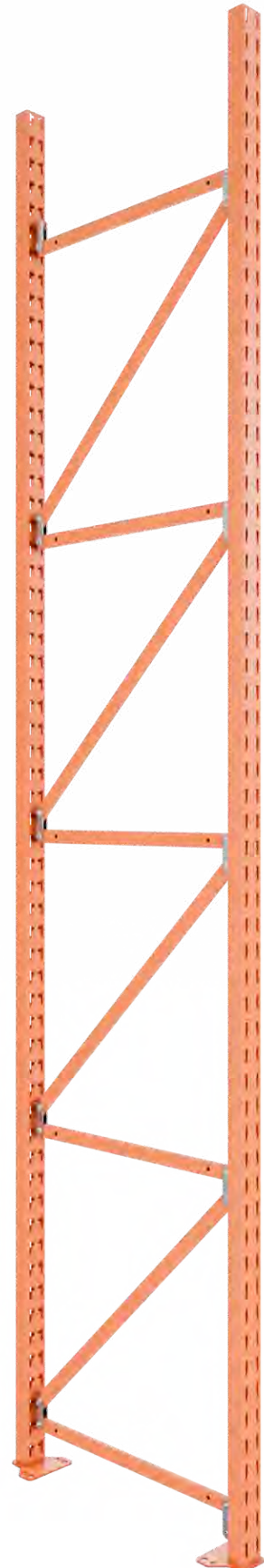
## NX FRAME MADE OF CLOSED PROFILE 55X40



Braces attached to profiles using dedicated plates and screws with nuts.

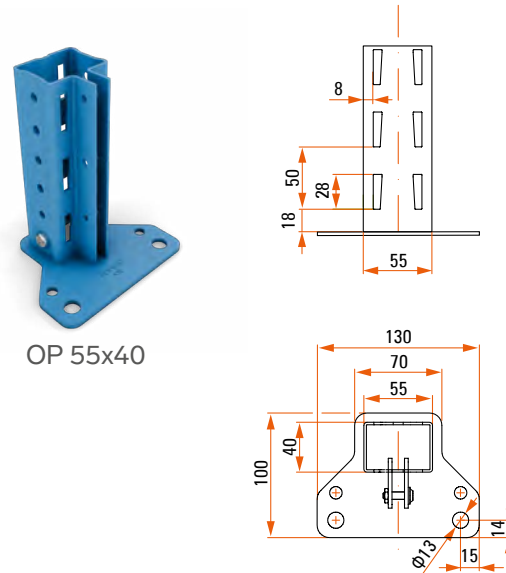


Traverses suspended from the front perforation with a pitch of 50 mm.

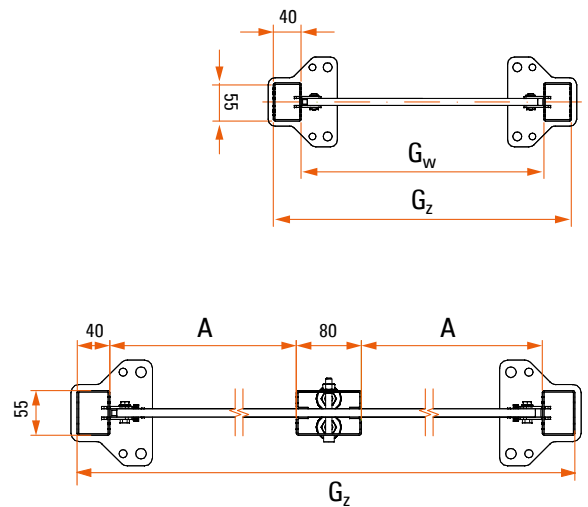
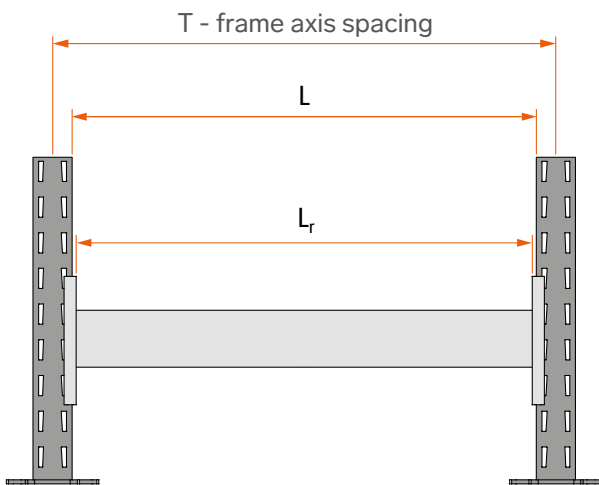


## NX MINI OP 55X40 - BASIC DIMENSIONS

NX Mini racks include a type series of structures built on the basis of frames made of posts with a 55 × 40 mm rectangular cross-section. Frames are the most important components of the racking load-bearing structure. The basic design dimensions of NX Mini racks are shown in the drawings below.



OP 55x40



Beam Lh	T [mm]	L [mm]	Lr [mm]	Lh integration of the shelf
1250	1275	1220	1209	1250
1330	1358	1303	1292	1330
2000	2025	1970	1959	2×1000
2500	2525	2470	2459	2×1250
2660	2691	2636	2625	2×1330
2730	2761	2706	2695	–
3000	3025	2970	2959	3×1000

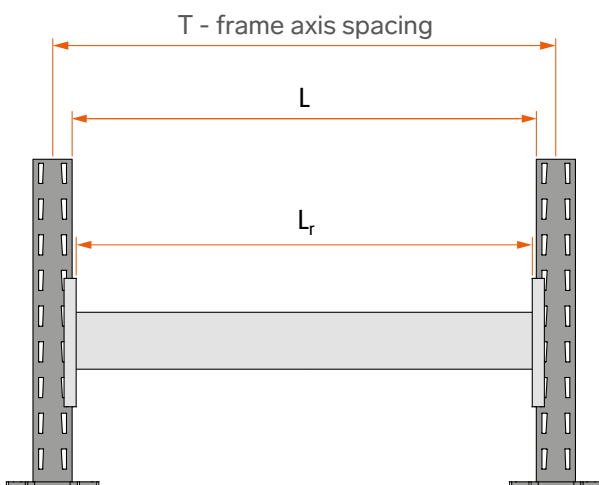
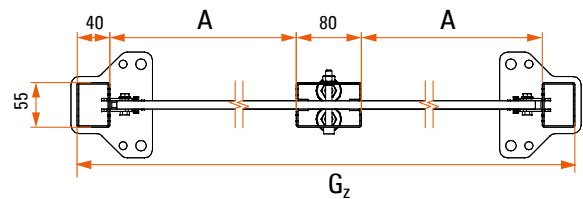
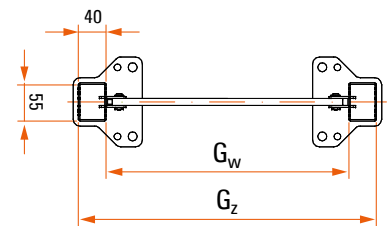
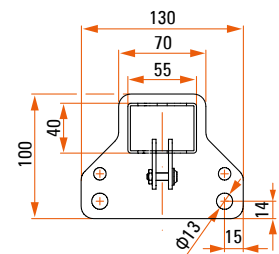
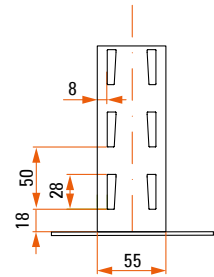
Beam Lh	T [mm]	L [mm]	Lr [mm]	Lh integration of the shelf
500	467	387	–	370
600	567	487	–	470
700	667	587	–	570
800	767	687	–	670
950	934	854	387	370+370
1150	1134	1054	487	470+470
1350	1334	1254	587	570+570
1550	1534	1454	687	670+670

## NX MINI 55X40 - BASIC DIMENSIONS

NX Mini racks include a type series of structures built on the basis of frames made of posts with a 55 × 40 mm rectangular cross-section. Frames are the most important components of the racking load-bearing structure. The basic design dimensions of NX Mini racks are shown in the drawings below.



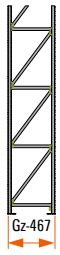
55x40



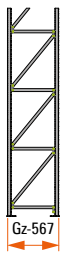
Beam Lh	T [mm]	L [mm]	Lr [mm]	Lh integration of the shelf
1250	1275	1220	1209	1250
1330	1358	1303	1292	1330
2000	2025	1970	1959	2×1000
2500	2525	2470	2459	2×1250
2660	2691	2636	2625	2×1330
2730	2761	2706	2695	–
3000	3025	2970	2959	3×1000

Beam Lh	T [mm]	L [mm]	Lr [mm]	Lh integration of the shelf
500	467	387	–	370
600	567	487	–	470
700	667	587	–	570
800	767	687	–	670
950	934	854	387	370+370
1150	1134	1054	487	470+470
1350	1334	1254	587	570+570
1550	1534	1454	687	670+670

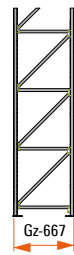
DIAGRAM OF THE DISTRIBUTION OF BRACES IN FRAMES  
INSTALLED ON OP 55 X 40 MM AND 55 X 40 MM POSTS



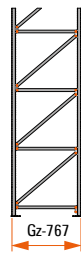
Gh-500



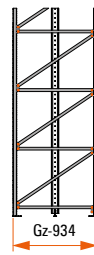
Gh-600



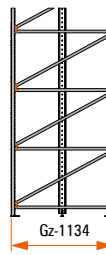
Gh-700



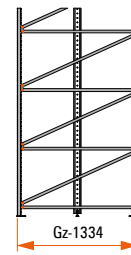
Gh-800



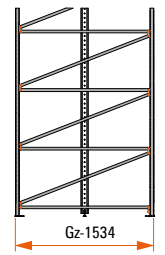
Gh-950



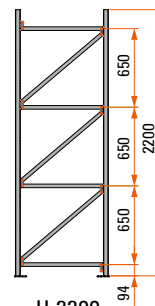
Gh-1150



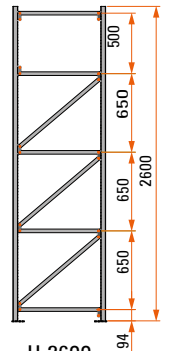
Gh-1350



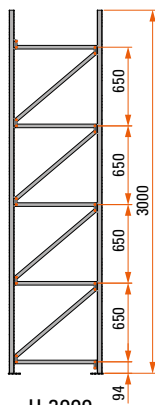
Gh-1550



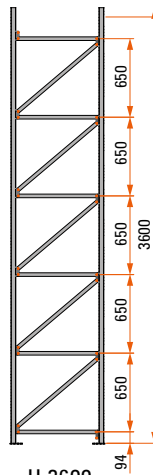
H-2200



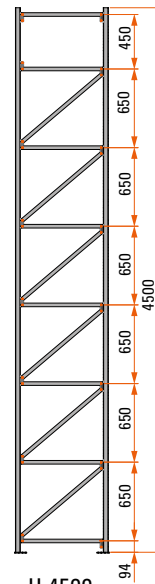
H-2600



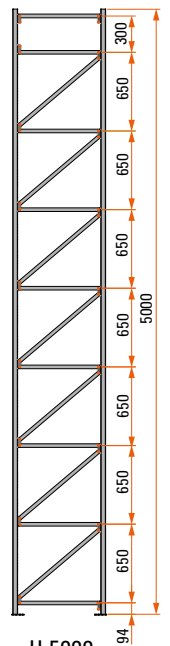
H-3000



H-3600



H-4500



H-5000

## LOAD-CARRYING CAPACITY OF THE STRUCTURE. FRAMES (LEGS WITH OP 55 X 40 MM UND 55 X 40 MM POSTS)

The permissible loads of racks built on 55 x 40 profile frames are analysed on the basis of the height between successive storage levels ( $h_1, h_2, h_3$ ). The biggest limitation of the frame's load capacity are high sockets. To assess the correctness of the rack's load, proceed in the same way as shown in Fig. 1, 2, and 3, always taking into account the value of the permissible load above the socket of the tested level, as per Table 1. Table 1 shows the permissible loads for the entire frame. The information in Table 1 is appropriate for racks made up of at least three sections (four frames).

The methodology for verifying the load-carrying capacity of the structure consists in checking the height between storage levels for increasing distances between successive beams and analysing the permissible load for all the sockets of the structure. The determining level for the structure's load will be the one with the highest storage height.

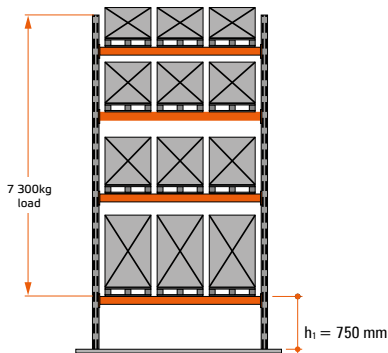


Fig. 1

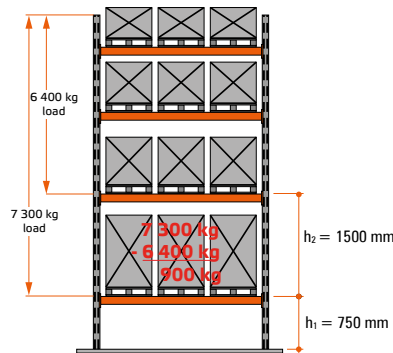


Fig. 2

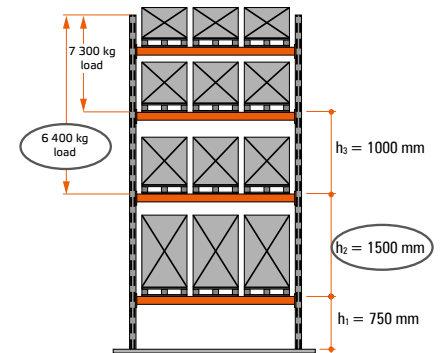


Fig. 3

**TABLE 1. PERMISSIBLE LOADS OF PALLET RACK ABOVE THE SOCKET WITH HEIGHT H**

∅	h ( $h_1, h_2, h_3, \dots$ ) - distance between successive beams (storage levels)					
	750	1000	1250	1500	1750	2000
55×40	6650	6150	5530	5500	4650	3700
OP* 55×40						

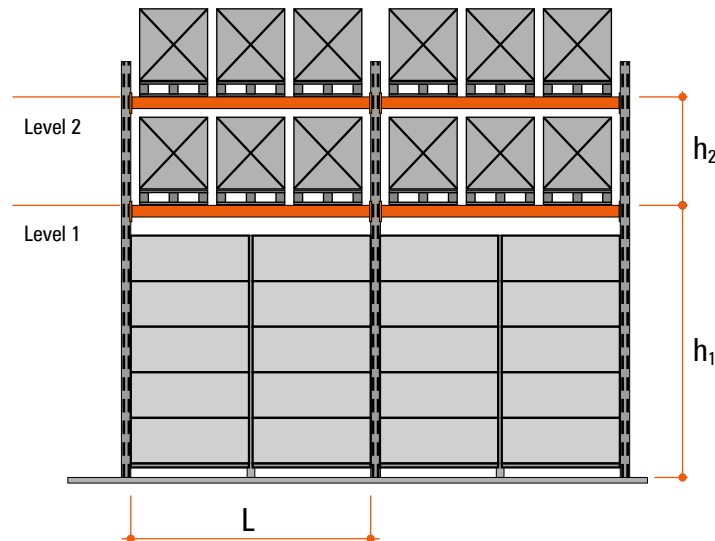


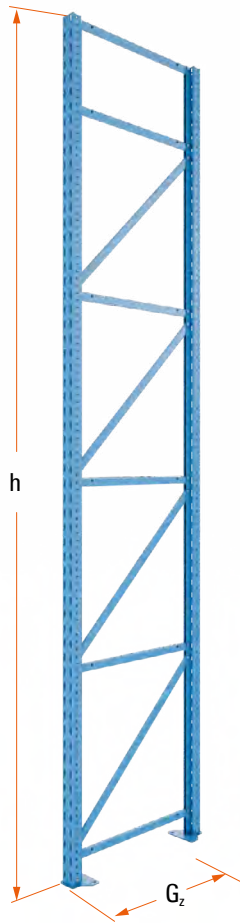
Fig. 4

**TABLE 2. PERMISSIBLE LOADS OF RACK WITH INTEGRATION**

Integration height $h_1$ [mm]	$h_2$ - distance between successive beams (storage levels) in the part above (!) the integration				
	750	1000	1250	1500	1600
2200	2900				
2400	2400				
2600	1950				



**FRAMES FOR ONE-SIDED INTEGRATION**  
**OP 55 X 40**



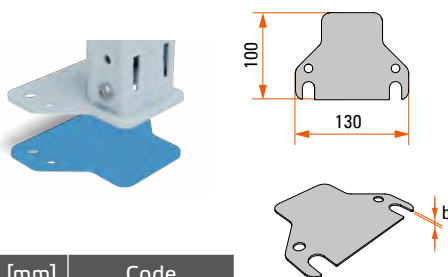
**NOTE:**  
Integration with shallowing requires the use of an adapter.

Gh/Gz	h	Code	Integration of the shelf Gh
600 / 567	2400	NX-N02060240	470
	2600	NX-N02060260	
	2800	NX-N02060280	
	3000	NX-N02060300	
	3600	NX-N02060360	
	4000	NX-N02060400	
	4400	NX-N02060440	

Gh/Gz	h	Code	Integration of the shelf Gh
700 / 667	2400	NX-N02080240	470
	2600	NX-N02080260	
	2800	NX-N02080280	
	3000	NX-N02080300	
	3600	NX-N02080360	
	4000	NX-N02080400	
	4400	NX-N02080440	

Gh/Gz	h	Code	Integration of the shelf Gh
800 / 767	2400	NX-N02100240	470
	2600	NX-N02100260	
	2800	NX-N02100280	
	3000	NX-N02100300	
	3600	NX-N02100360	
	4000	NX-N02100400	
	4400	NX-N02100440	

**LEVELLING PAD**



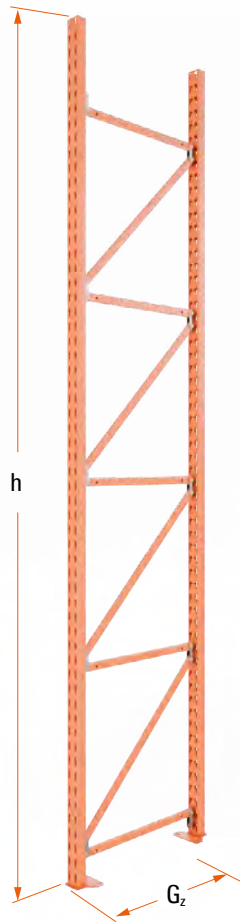
b [mm]	Code
1	NX-A00020001
2	NX-A00020002
6	NX-A00020006

**ANCHOR**



Code
NO-000000105-50

**FRAMES FOR ONE-SIDED INTEGRATION**  
55 X 40



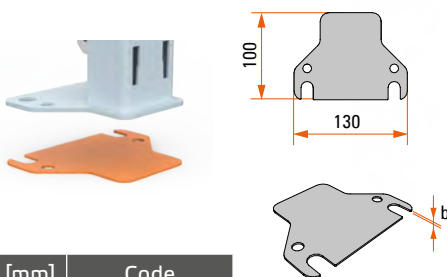
**NOTE:**  
Integration with shallowing requires the use of an adapter.

Gh/Gz	h	Code	Integration of the shelf Gh
600 / 567	2200	NX-N20060220	470
	2600	NX-N20060260	
	3000	NX-N20060300	
	3600	NX-N20060360	
	4500	NX-N20060450	
	5000	NX-N20060500	
	6000	NX-N20060600	

Gh/Gz	h	Code	Integration of the shelf Gh
700 / 667	2200	NX-N20080220	470
	2600	NX-N20080260	
	3000	NX-N20080300	
	3600	NX-N20080360	
	4500	NX-N20080450	
	5000	NX-N20080500	
	6000	NX-N20080600	

Gh/Gz	h	Code	Integration of the shelf Gh
800 / 767	2200	NX-N20100220	470
	2600	NX-N20100260	
	3000	NX-N20100300	
	3600	NX-N20100360	
	4500	NX-N20100450	
	5000	NX-N20100500	
	6000	NX-N20100600	

**LEVELLING PAD**



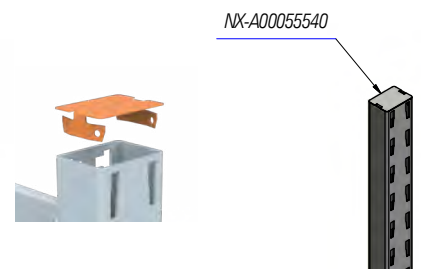
b [mm]	Code
1	NX-A00020001
2	NX-A00020002
6	NX-A00020006

**ANCHOR**



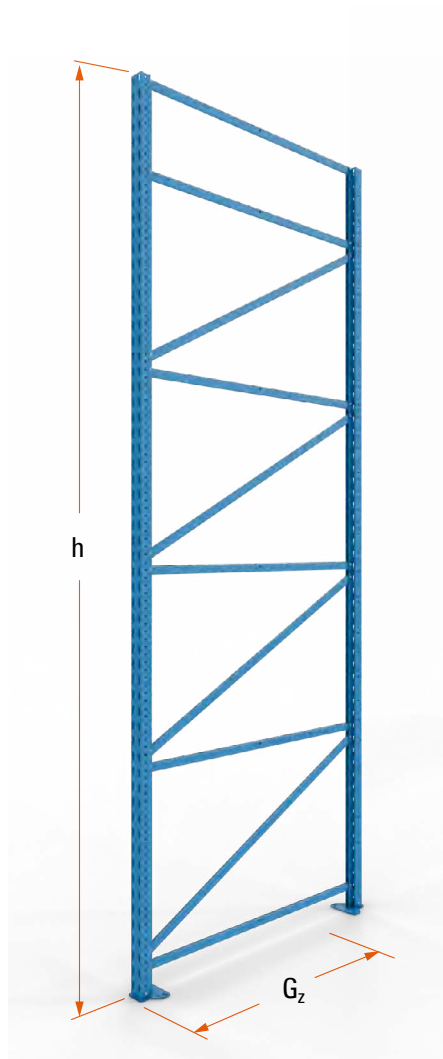
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**LEG PROFILE CAP**



Code
NX-A00055540

FRAMES FOR DOUBLE-SIDED INTEGRATION  
OP 55 X 40



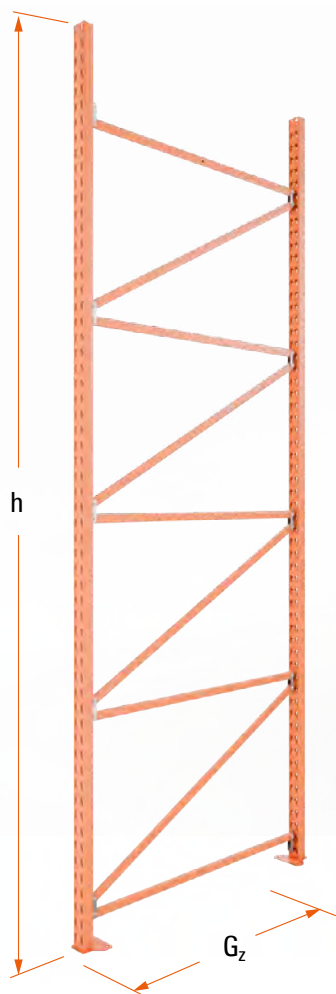
NOTE: Integration requires the use of an adapter.

Gh/Gz	h	Code	Integration of the shelf Gh
1150/1134	2400	NX-N02170240	2×470
	2600	NX-N02170260	
	2800	NX-N02170280	
	3000	NX-N02170300	
	3600	NX-N02170360	
	4000	NX-N02170400	
	4400	NX-N02170440	

Gh/Gz	h	Code	Integration of the shelf Gh
1350/1334	2400	NX-N02210240	2×570
	2600	NX-N02210260	
	2800	NX-N02210280	
	3000	NX-N02210300	
	3600	NX-N02210360	
	4000	NX-N02210400	
	4400	NX-N02210440	

Gh/Gz	h	Code	Integration of the shelf Gh
1550/1534	2400	NX-N02250240	2×670
	2600	NX-N02250260	
	2800	NX-N02250280	
	3000	NX-N02250300	
	3600	NX-N02250360	
	4000	NX-N02250400	
	4400	NX-N02250440	

**FRAMES FOR DOUBLE-SIDED INTEGRATION**  
**55 X 40**



NOTE: Integration requires the use of an adapter.

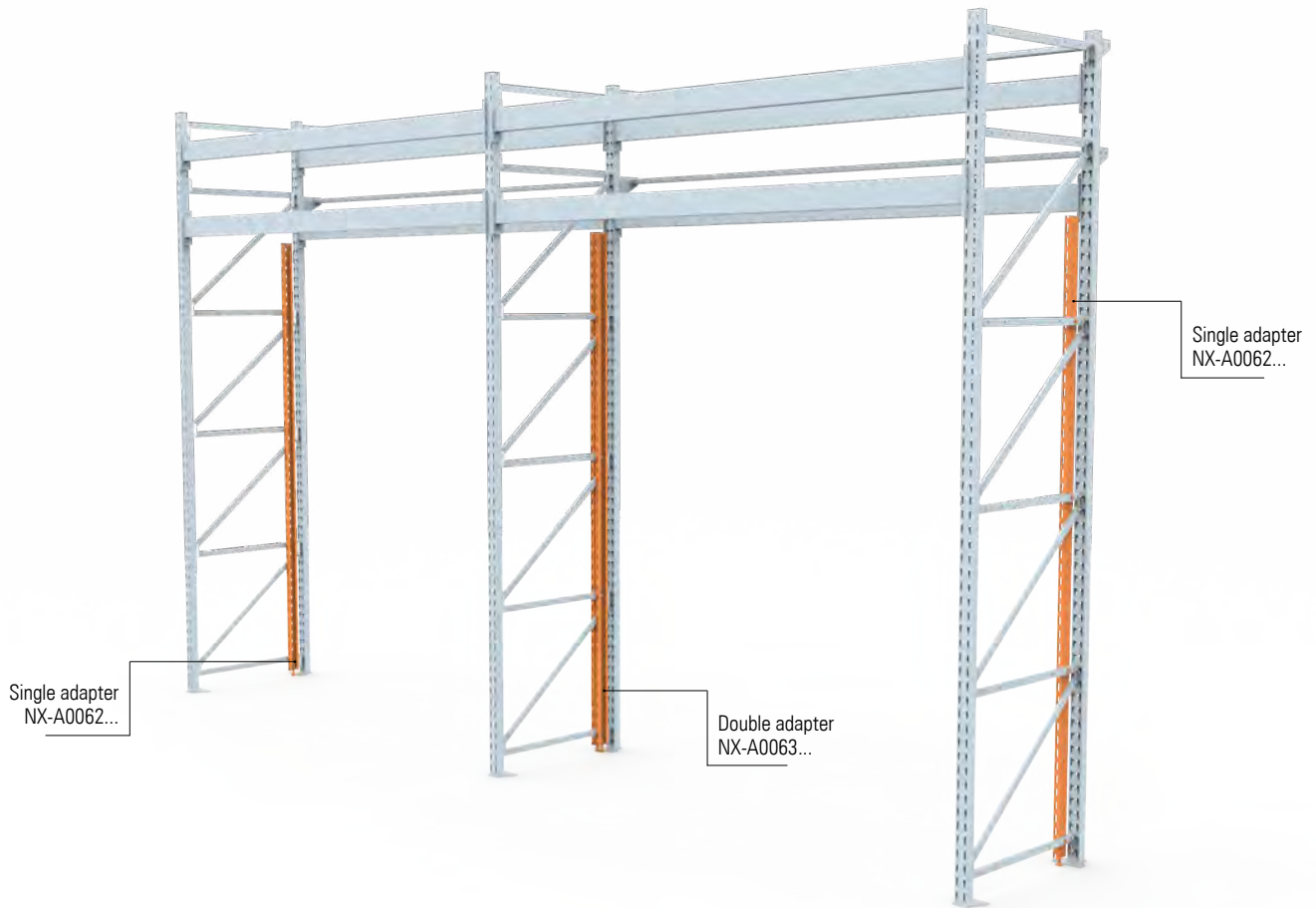
Gh/Gz	h	Code	Integration of the shelf Gh
950/934	2200	NX-N20130220	2×370
	2600	NX-N20130260	
	3000	NX-N20130300	
	3600	NX-N20130360	
	4500	NX-N20130450	
	5000	NX-N20130500	
	6000	NX-N20130600	

Gh/Gz	h	Code	Integration of the shelf Gh
1150/1134	2200	NX-N20170220	2×470
	2600	NX-N20170260	
	3000	NX-N20170300	
	3600	NX-N20170360	
	4500	NX-N20170450	
	5000	NX-N20170500	
	6000	NX-N20170600	

Gh/Gz	h	Code	Integration of the shelf Gh
1350/1334	2200	NX-N20210220	2×570
	2600	NX-N20210260	
	3000	NX-N20210300	
	3600	NX-N20210360	
	4500	NX-N20210450	
	5000	NX-N20210500	
	6000	NX-N20210600	

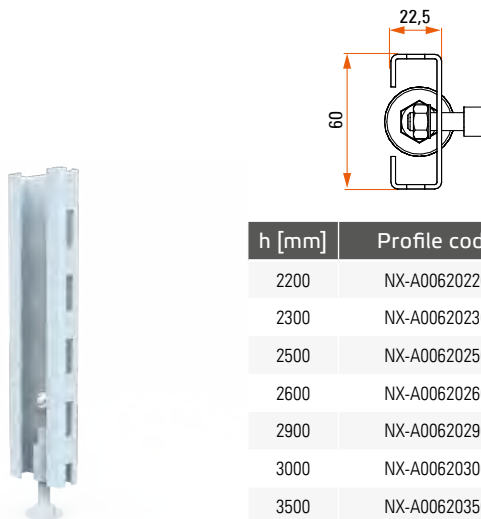
Gh/Gz	h	Code	Integration of the shelf Gh
1550/1534	2200	NX-N20250220	2×670
	2600	NX-N20250260	
	3000	NX-N20250300	
	3600	NX-N20250360	
	4500	NX-N20250450	
	5000	NX-N20250500	
	6000	NX-N20250600	

## ADAPTERS FOR ONE-SIDED INTEGRATION

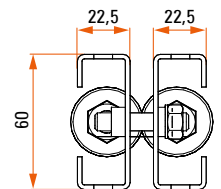


END FRAME SINGLE ADAPTER  
FOR ONE-SIDED INTEGRATION

MIDDLE FRAME DOUBLE ADAPTER  
FOR ONE-SIDED INTEGRATION

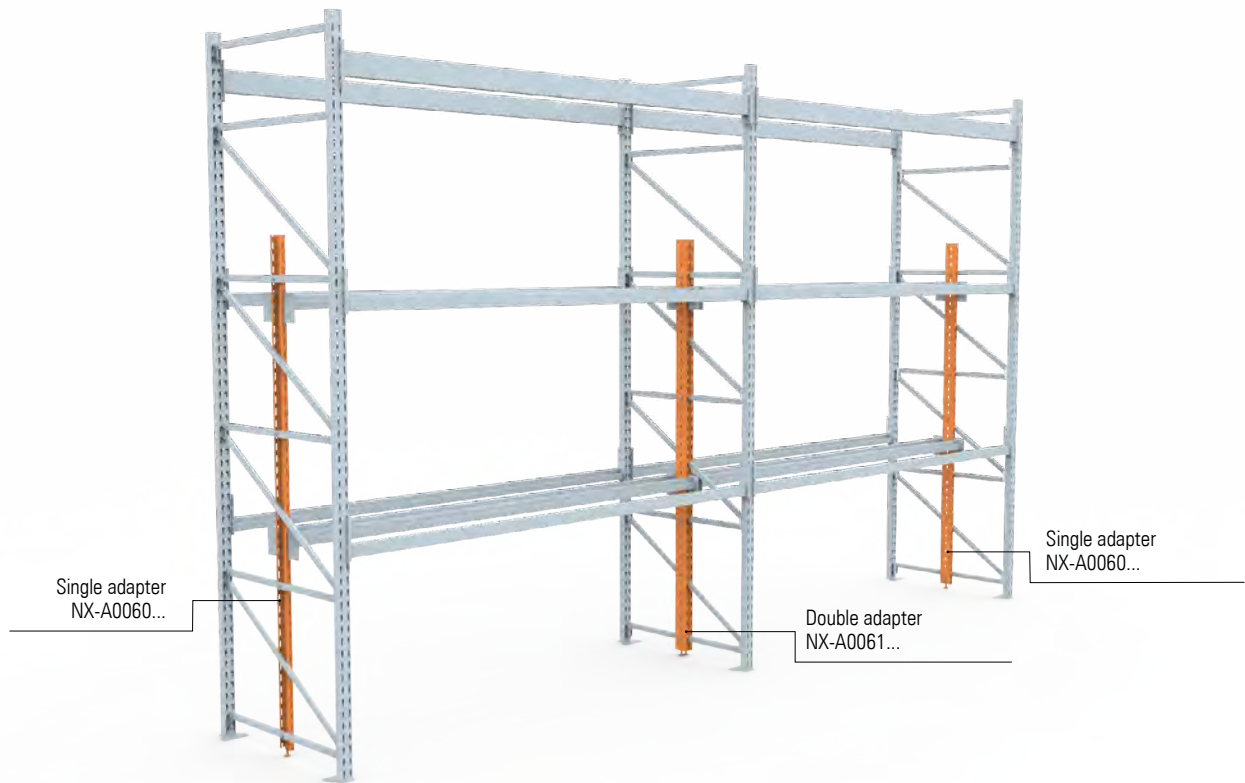


h [mm]	Profile code
2200	NX-A00620220
2300	NX-A00620230
2500	NX-A00620250
2600	NX-A00620260
2900	NX-A00620290
3000	NX-A00620300
3500	NX-A00620350
3600	NX-A00620360
4000	NX-A00620400
4500	NX-A00620450
5000	NX-A00620500

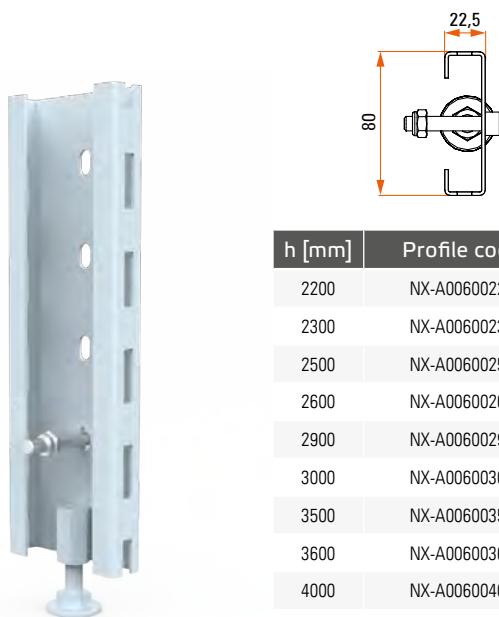


h [mm]	Profile code
2200	NX-A00630220
2300	NX-A00630230
2500	NX-A00630250
2600	NX-A00630260
2900	NX-A00630290
3000	NX-A00630300
3500	NX-A00630350
3600	NX-A00630360
4000	NX-A00630400
4500	NX-A00630450
5000	NX-A00630500

## ADAPTERS FOR DOUBLE-SIDED INTEGRATION

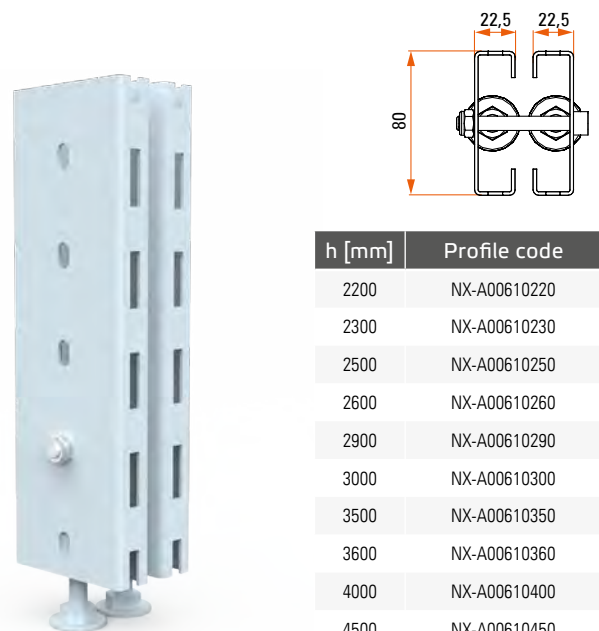


END FRAME SINGLE ADAPTER  
FOR DOUBLE-SIDED INTEGRATION



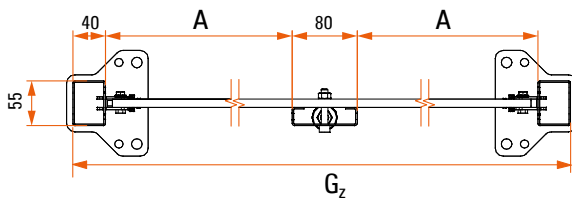
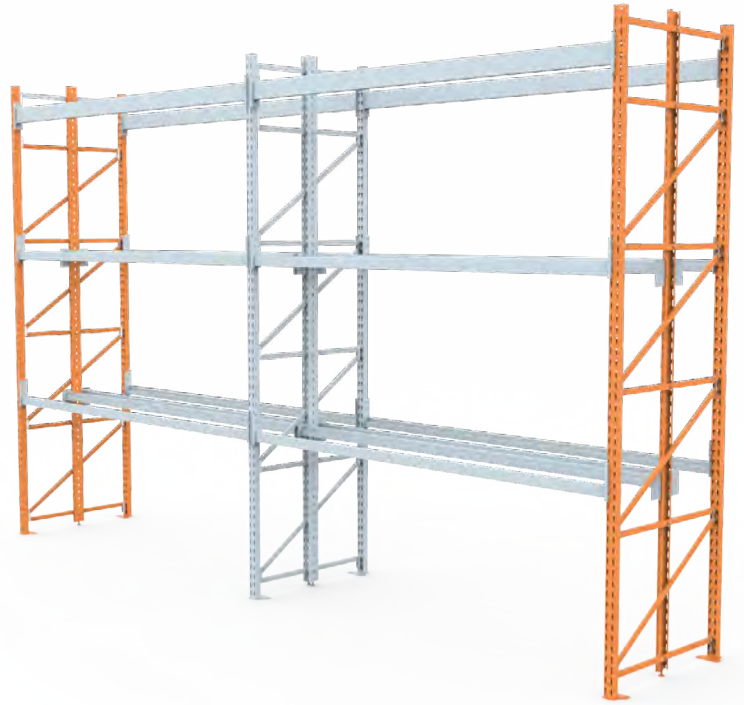
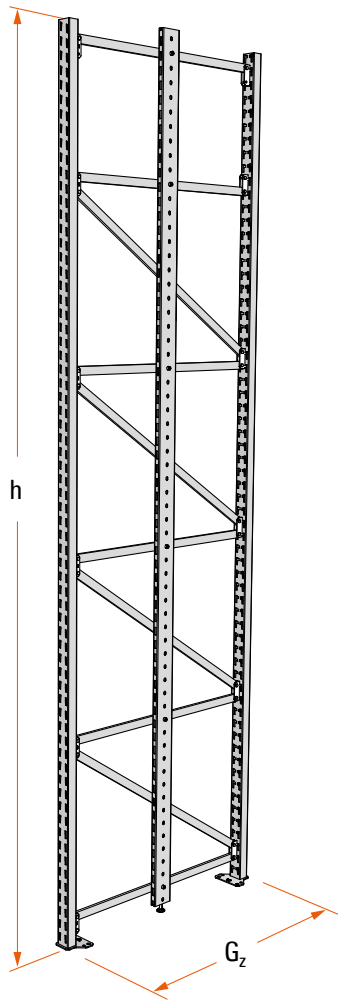
h [mm]	Profile code
2200	NX-A00600220
2300	NX-A00600230
2500	NX-A00600250
2600	NX-A00600260
2900	NX-A00600290
3000	NX-A00600300
3500	NX-A00600350
3600	NX-A00600360
4000	NX-A00600400
4500	NX-A00600450
5000	NX-A00600500

MIDDLE FRAME DOUBLE ADAPTER  
FOR DOUBLE-SIDED INTEGRATION



h [mm]	Profile code
2200	NX-A00610220
2300	NX-A00610230
2500	NX-A00610250
2600	NX-A00610260
2900	NX-A00610290
3000	NX-A00610300
3500	NX-A00610350
3600	NX-A00610360
4000	NX-A00610400
4500	NX-A00610450
5000	NX-A00610500

## END FRAMES FOR DOUBLE-SIDED INTEGRATION



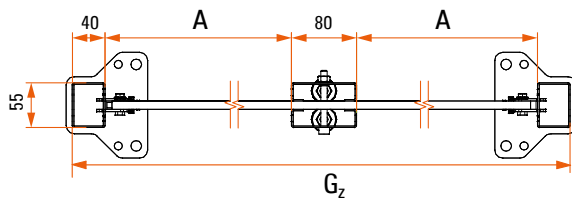
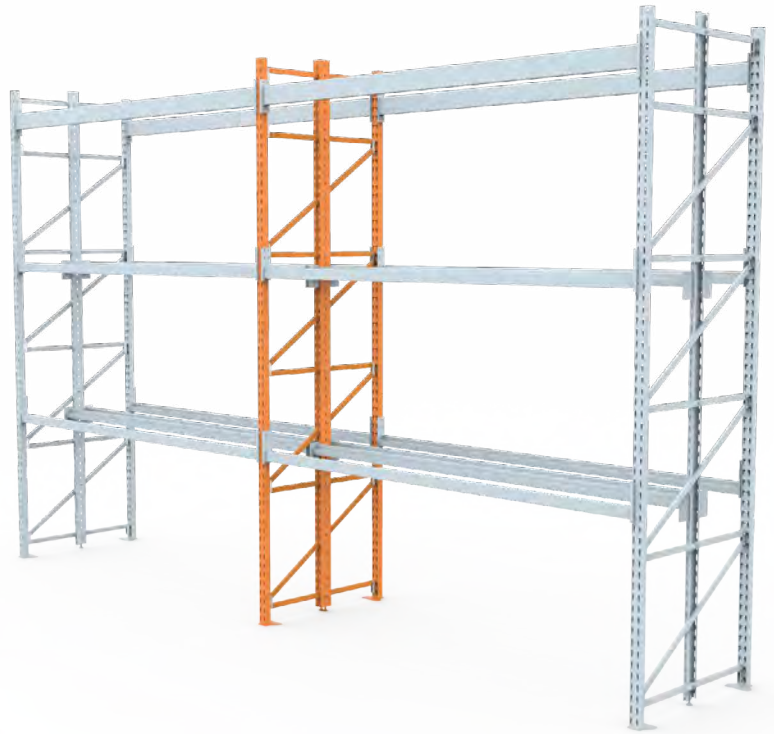
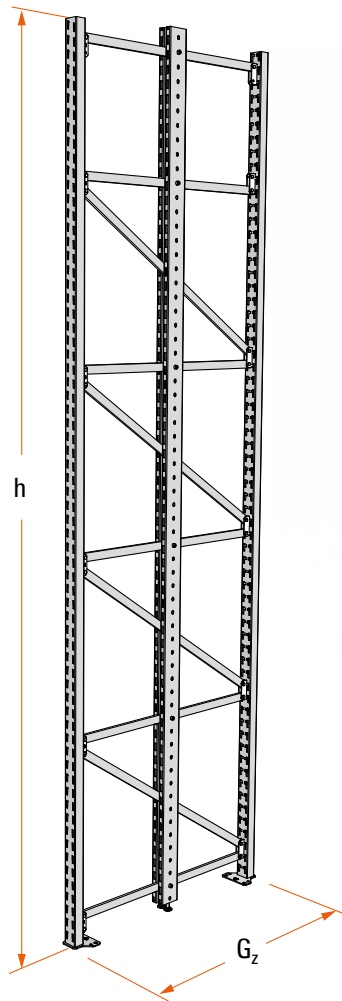
Gh/Gz	A	h	Code	Integration of the shelf Gh
950/934	387	2200	NX-N10130220	370+370
		2600	NX-N10130260	
		3000	NX-N10130300	
		3600	NX-N10130360	
		4500	NX-N10130450	
		5000	NX-N10130500	

Gh/Gz	A	h	Code	Integration of the shelf Gh
1150/1134	487	2200	NX-N10170220	470+470
		2600	NX-N10170260	
		3000	NX-N10170300	
		3600	NX-N10170360	
		4500	NX-N10170450	
		5000	NX-N10170500	

Gh/Gz	A	h	Code	Integration of the shelf Gh
1350/1334	587	2200	NX-N10210220	570+570
		2600	NX-N10210260	
		3000	NX-N10210300	
		3600	NX-N10210360	
		4500	NX-N10210450	
		5000	NX-N10210500	

Gh/Gz	A	h	Code	Integration of the shelf Gh
1550/1534	687	2200	NX-N10250220	670+670
		2600	NX-N10250260	
		3000	NX-N10250300	
		3600	NX-N10250360	
		4500	NX-N10250450	
		5000	NX-N10250500	

FRAMES FOR DOUBLE-SIDED CENTRAL INTEGRATION



Gh/Gz	A	h	Code	Integration of the shelf Gh
950/934	387	2200	NX-N15130220	370+370
		2600	NX-N15130260	
		3000	NX-N15130300	
		3600	NX-N15130360	
		4500	NX-N15130450	
		5000	NX-N15130500	

Gh/Gz	A	h	Code	Integration of the shelf Gh
1150/1134	487	2200	NX-N15170220	470+470
		2600	NX-N15170260	
		3000	NX-N15170300	
		3600	NX-N15170360	
		4500	NX-N15170450	
		5000	NX-N15170500	

Gh/Gz	A	h	Code	Integration of the shelf Gh
1350/1334	587	2200	NX-N15210220	570+570
		2600	NX-N15210260	
		3000	NX-N15210300	
		3600	NX-N15210360	
		4500	NX-N15210450	
		5000	NX-N15210500	

Gh/Gz	A	h	Code	Integration of the shelf Gh
1550/1534	687	2200	NX-N15250220	670+670
		2600	NX-N15250260	
		3000	NX-N15250300	
		3600	NX-N15250360	
		4500	NX-N15250450	
		5000	NX-N15250500	

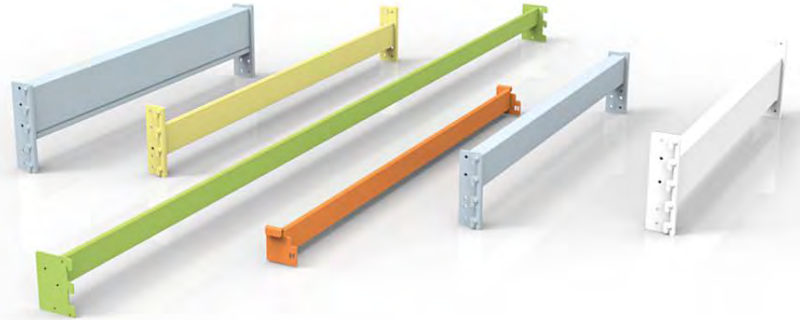


Beams are the primary longitudinal components that form the basic load-bearing structure of the NX racks.

Structurally, the beams are made of different types of steel profiles, with appropriately shaped feet welded at the ends, ensuring proper frame post perforation fastening.

S and R - standard rectangular  
M - step profile

We offer a wide range of beams allowing precise adjustment of rack structure to individual needs.



The range of beams shown below is available with their respective welded feet in the bottom, top, and middle positions.

**“S” AND “R” CLOSED-PROFILE BEAMS**



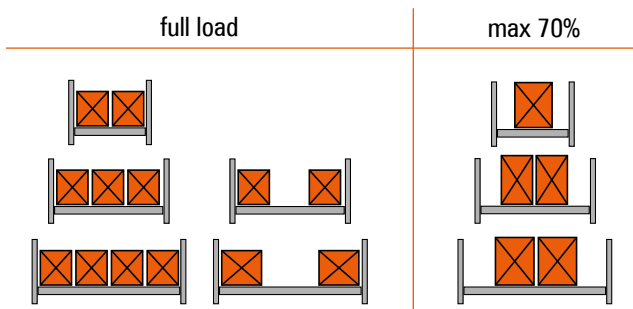
**“M” STEP-PROFILE BEAMS**



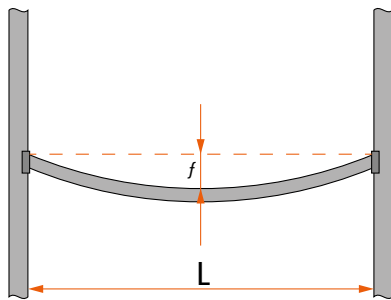
Each beam after installation in the perforation must be secured against falling out by protection NX-A00100000.

**TABLE 3.** REFERENCE LOAD VALUES OF STANDARD

Beam type	Beam cross-section	Beam length Lh											
		1250	1330	1830	2000	2500	2660	2730	3000	3030	3330	3630	3930
4M060	60x40	995 kg	940 kg	710 kg	660 kg	520 kg	465 kg	445 kg	380 kg	370 kg	315 kg	270 kg	235 kg
4M080	80x40	1590 kg	1495 kg	1110 kg	1025 kg	840 kg	795 kg	775 kg	710 kg	695 kg	585 kg	500 kg	435 kg
4M100	100x40	2310 kg	2170 kg	1595 kg	1470 kg	1190 kg	1125 kg	1095 kg	1010 kg	995 kg	915 kg	840 kg	725 kg
4S060	60x40	1635 kg	1540 kg	1145 kg	1060 kg	720 kg	640 kg	610 kg	515 kg	505 kg	425 kg	360 kg	315 kg
4S080	80x40	2030 kg	1905 kg	1400 kg	1290 kg	1050 kg	990 kg	965 kg	815 kg	795 kg	665 kg	565 kg	490 kg
4S100	100x40	3385 kg	3175 kg	2320 kg	2135 kg	1730 kg	1625 kg	1590 kg	1455 kg	1440 kg	1320 kg	1145 kg	985 kg
4R120	120x40	5595 kg	5250 kg	3835 kg	3530 kg	2850 kg	2685 kg	2590 kg	2170 kg	2120 kg	1770 kg	1500 kg	1290 kg
4R140	140x40	6000 kg	6000 kg	4845 kg	4455 kg	3590 kg	3380 kg	3295 kg	3020 kg	2985 kg	2580 kg	2185 kg	1875 kg



The permissible loads for pairs of beams (sockets) given in table 3 are correct for a properly distributed load (full load).



For correctly loaded beams, the deflection  $f$  must not be greater than  $L/200$

Example for beams with Lh of 2730:

$$L = 2706 \text{ mm}$$

$$f = 2706:200 = 13,5 \text{ mm}$$



**NOTE:**

Two protections must be ordered for each beam: NX-A00100000



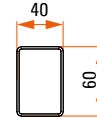
Each beam must be secured against falling out after installation in the frame perforation.

## 4S060 BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T06011250	NX-T02011250	NX-T04011250
1330	NX-T06011330	NX-T02011330	NX-T04011330
2000	NX-T06012000	NX-T02012000	NX-T04012000
2500	NX-T06012500	NX-T02012500	NX-T04012500
2660	NX-T06012660	NX-T02012660	NX-T04012660
2730	NX-T06012730	NX-T02012730	NX-T04012730
3000	NX-T06013000	NX-T02013000	NX-T04013000



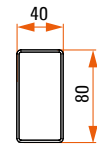
**NOTE:**  
Two protections must be ordered  
for each beam: NX-A00100000

## 4S080 BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T06021250	NX-T02021250	NX-T04021250
1330	NX-T06021330	NX-T02021330	NX-T04021330
2000	NX-T06022000	NX-T02022000	NX-T04022000
2500	NX-T06022500	NX-T02022500	NX-T04022500
2660	NX-T06022660	NX-T02022660	NX-T04022660
2730	NX-T06022730	NX-T02022730	NX-T04022730
3000	NX-T06023000	NX-T02023000	NX-T04023000



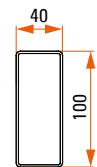
**NOTE:**  
Two protections must be ordered  
for each beam: NX-A00100000

## 4R100 BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T06041250	NX-T02041250	NX-T04041250
1330	NX-T06041330	NX-T02041330	NX-T04041330
2000	NX-T06042000	NX-T02042000	NX-T04042000
2500	NX-T06042500	NX-T02042500	NX-T04042500
2660	NX-T06042660	NX-T02042660	NX-T04042660
2730	NX-T06042730	NX-T02042730	NX-T04042730
3000	NX-T06043000	NX-T02043000	NX-T04043000



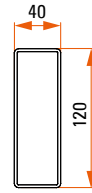
**NOTE:**  
Two protections must be ordered  
for each beam: NX-A00100000

## 4R120 BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T07051250	NX-T03051250	NX-T05051250
1330	NX-T07051330	NX-T03051330	NX-T05051330
2000	NX-T07052000	NX-T03052000	NX-T05052000
2500	NX-T07052500	NX-T03052500	NX-T05052500
2660	NX-T07052660	NX-T03052660	NX-T05052660
2730	NX-T07052730	NX-T03052730	NX-T05052730
3000	NX-T07053000	NX-T03053000	NX-T05053000



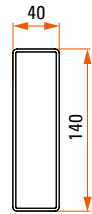
**NOTE:**  
Two protections must be ordered  
for each beam: NX-A00100000

## 4R140 BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T07061250	NX-T03061250	NX-T05061250
1330	NX-T07061330	NX-T03061330	NX-T05061330
2000	NX-T07062000	NX-T03062000	NX-T05062000
2500	NX-T07062500	NX-T03062500	NX-T05062500
2660	NX-T07062660	NX-T03062660	NX-T05062660
2730	NX-T07062730	NX-T03062730	NX-T05062730
3000	NX-T07063000	NX-T03063000	NX-T05063000



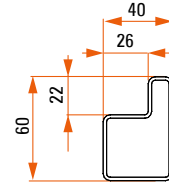
**NOTE:**  
Two protections must be ordered  
for each beam: NX-A00100000

## 4M060 STEP BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T06601250	NX-T02601250	NX-T04601250
1330	NX-T06601330	NX-T02601330	NX-T04601330
2000	NX-T06602000	NX-T02602000	NX-T04602000
2500	NX-T06602500	NX-T02602500	NX-T04602500
2660	NX-T06602660	NX-T02602660	NX-T04602660
2730	NX-T06602730	NX-T02602730	NX-T04602730
3000	NX-T06603000	NX-T02603000	NX-T04603000



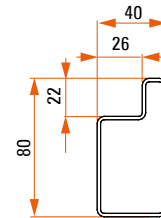
**NOTE:**  
Two protections must be ordered for each beam: NX-A00100000

## 4M080 STEP BEAMS

Top type

Middle type

Bottom type



Lh	Top	Middle	Bottom
1250	NX-T06611250	NX-T02611250	NX-T04611250
1330	NX-T06611330	NX-T02611330	NX-T04611330
2000	NX-T06612000	NX-T02612000	NX-T04612000
2500	NX-T06612500	NX-T02612500	NX-T04612500
2660	NX-T06612660	NX-T02612660	NX-T04612660
2730	NX-T06612730	NX-T02612730	NX-T04612730
3000	NX-T06613000	NX-T02613000	NX-T04613000



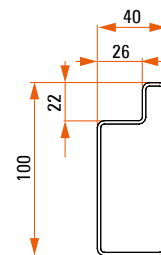
**NOTE:**  
Two protections must be ordered for each beam: NX-A00100000

## 4M100 STEP BEAMS

Top type

Middle type

Bottom type



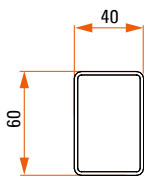
Lh	Top	Middle	Bottom
1250	NX-T06621250	NX-T02621250	NX-T04621250
1330	NX-T06621330	NX-T02621330	NX-T04621330
2000	NX-T06622000	NX-T02622000	NX-T04622000
2500	NX-T06622500	NX-T02622500	NX-T04622500
2660	NX-T06622660	NX-T02622660	NX-T04622660
2730	NX-T06622730	NX-T02622730	NX-T04622730
3000	NX-T06623000	NX-T02623000	NX-T04623000



**NOTE:**  
Two protections must be ordered for each beam: NX-A00100000

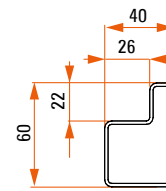
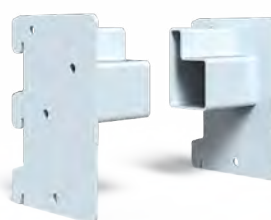
## SPECIAL BEAMS

### 4S060 STRAIGHT FOOT BEAMS



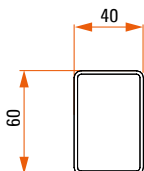
Lh	Code
1250	NX-T11011250
1330	NX-T11011330
2000	NX-T11012000
2500	NX-T11012500
2660	NX-T11012660
2730	NX-T11012730
3000	NX-T11013000

### 4M060 STEP BEAMS WITH STRAIGHT FOOT



Lh	Code
1250	NX-T11601250
1330	NX-T11601330
2000	NX-T11602000
2500	NX-T11602500
2660	NX-T11602660
2730	NX-T11602730
3000	NX-T11603000

### SPECIAL BEAMS 4S060 (REQUIRE SUPPORTS NX- W0020...; NX-W0021...)

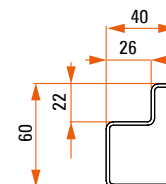


Lh	Code
1250	NX-T22011250
1330	NX-T22011330
2000	NX-T22012000
2500	NX-T22012500
2660	NX-T22012660
2730	NX-T22012730
3000	NX-T22013000



**NOTE:**  
Two protections must be ordered for each beam:  
MX-A00010053

### 4M060 SPECIAL STEP BEAMS (FOR USE WITH SUPPORTS NX-W0020...; NX-W0021... ; PAIRED WITH 4M060 BEAM)

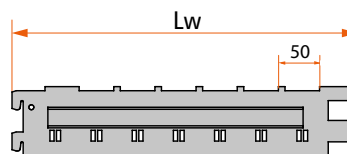
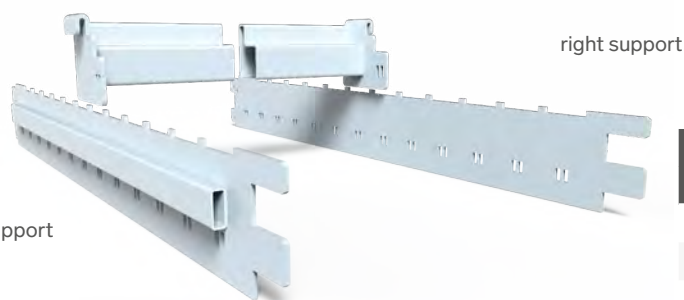


Lh	Code
1250	NX-T22601250
1330	NX-T22601330
2000	NX-T22602000
2500	NX-T22602500
2660	NX-T22602660
2730	NX-T22602730
3000	NX-T22603000



**NOTE:**  
Two protections must be ordered for each beam:  
MX-A00010053

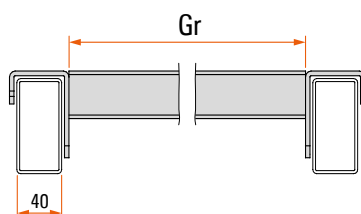
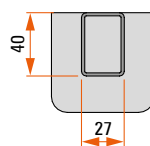
### SPECIAL BEAM SUPPORTS



Left support	Frame	Lw	Right support
	Gh		
One-sided integration			
NX-W00210887	950	887	NX-W00200887
Double-sided integration			
NX-W00210950	950	420	NX-W00200950
NX-W00211150	1150	520	NX-W00201150
NX-W00211350	1350	620	NX-W00201350
NX-W00211550	1550	720	NX-W00201550

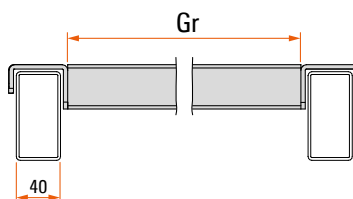
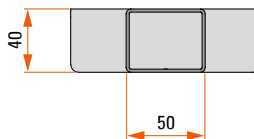


27 X 40 SUPPORT BAR FOR 40 MM BEAMS



Frame		Support bar	
Type	Gh	Gr [mm]	Code
Mini 55×40	600	474	NX-B00350474
	700	574	NX-B00350574
	800	674	NX-B00350674
	950	841	NX-B00350841
	1150	1041	NX-B00351041
	1350	1241	NX-B00351241
	1550	1441	NX-B00351441

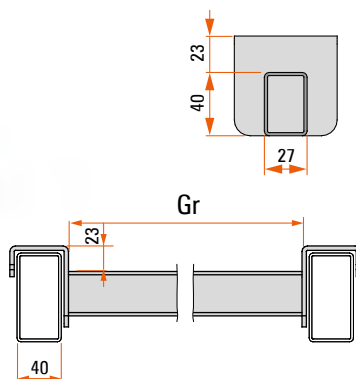
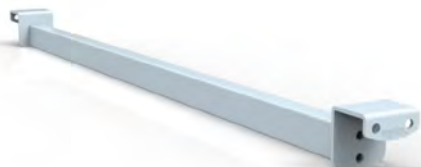
50 X 40 SUPPORT BAR FOR 40 MM BEAMS



Frame		Support bar	
Type	Gh	Gr [mm]	Code
Mini 55×40	600	474	NX-B01550474
	700	574	NX-B01550574
	800	674	NX-B01550674
	950	841	NX-B01550841
	1150	1041	NX-B01551041
	1350	1241	NX-B01551241
	1550	1441	NX-B01551441

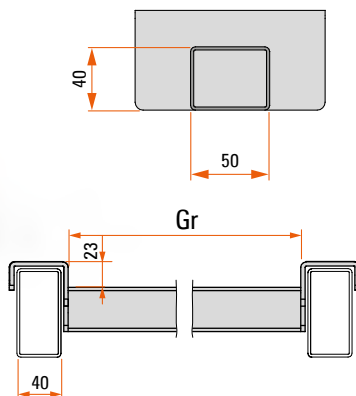


27 X 40 SUPPORT BAR FOR 40 MM BEAMS



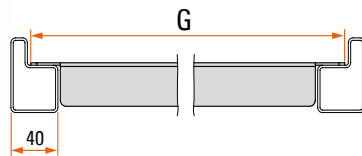
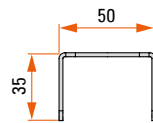
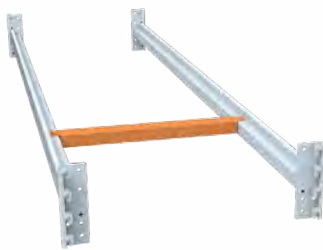
Frame		Support bar	
Type	Gh	Gr [mm]	Code
Mini 55×40	600	474	NX-B00150474
	700	574	NX-B00150574
	800	674	NX-B00150674
	950	841	NX-B00150841
	1150	1041	NX-B00151041
	1350	1241	NX-B00151241
	1550	1441	NX-B00151441

50 X 40 SUPPORT BAR FOR 40 MM BEAMS



Frame		Support bar	
Type	Gh	Gr [mm]	Code
Mini 55×40	600	474	NX-B01350474
	700	574	NX-B01350574
	800	674	NX-B01350674
	950	841	NX-B01350841
	1150	1041	NX-B01351041
	1350	1241	NX-B01351241
	1550	1441	NX-B01351441





Frame		Beam	
Type	Gh	G [mm]	Code
Mini 55×40	600	533	NX-B03550533
	700	633	NX-B03550633
	800	733	NX-B03550733
	900	833	NX-B03550833
	950	900	NX-B03550900
	1150	1100	NX-B03551100
	1350	1300	NX-B03551300

## NX MINI 55 X 40 SHELVES

Where goods intended for storage in racks are not placed on pallets, it becomes necessary to use additional components from which different types of shelves are formed. Depending on individual requirements, we supply shelves made of laminated chipboard, panel shelves made of steel sheet, and perforated panel shelves enabling free flow of water from extinguishing systems, and steel wire grating.

The choice of an appropriate solution is determined by several factors, including the fire hazard class of the site, system design standards specified in the standards applicable in the area, and sprinkler system functions.

## LAMINATED CHIPBOARD SHELVES

When laying boards forming shelves on support bars, a sufficient number of bars must be used to ensure that the board is properly supported. Table 1 contains suggested quantities of transverse beams N supporting a laminated board shelf for the most common beam length. Table 2 shows the permissible load for a single beam, which allows for optimal selection of the beam cross-section for the user's needs.

When the boards are placed directly on step beams (4M60, 4M80, 4M100), the shelf possibilities are usually limited by the strength of the board used. Where additional support is required, "C" beams are used. Table 3 shows the allowable loads on a single beam depending on the dimension G

Table 1

Beam L (mm)	N
up to 1500	2 – 3
1500 – 2000	3 – 4
2000 – 2700	4 – 5
2700 – 3000	5 – 6

Table 2

Beam Gr (mm)	27 x 40	50 x 40
up to 800	400 kg	650 kg
800 – 1100	300 kg	480 kg
1100 – 1550	200 kg	320 kg

Table 3

G	Q <sub>max</sub>
533	190 kg
633	160 kg
733	140 kg
833	120 kg
900	110 kg
1100	90 kg
1300	75 kg

## SOLID PANEL SHELVES

They are made of coated or galvanised steel sheet. They enable the creation of durable and resistant storage surfaces based on beams. The permissible load for a single panel is shown in the following drawing.

Naturally, the permissible load of the entire level must not be greater than the permissible load of the corresponding pair of beams on which the shelves have been placed.



## NX MINI 55 X 40 SHELVES THAT ALLOW WATER FLOW

Where automatic fire protection systems are used, water flowing from sprinklers shall be allowed to flow freely through successive storage levels. For this purpose, we recommend the use of perforated panel shelves or steel wire grating.

### PERFORATED PANEL SHELVES

They are made of galvanized steel sheet. They enable the creation of durable and damage resistant storage surfaces based on beams. The maximum permissible load for a single panel is shown in the following drawing. Naturally, the permissible load of the entire level must not be greater than the permissible load of the corresponding pair of beams on which the shelves have been placed.



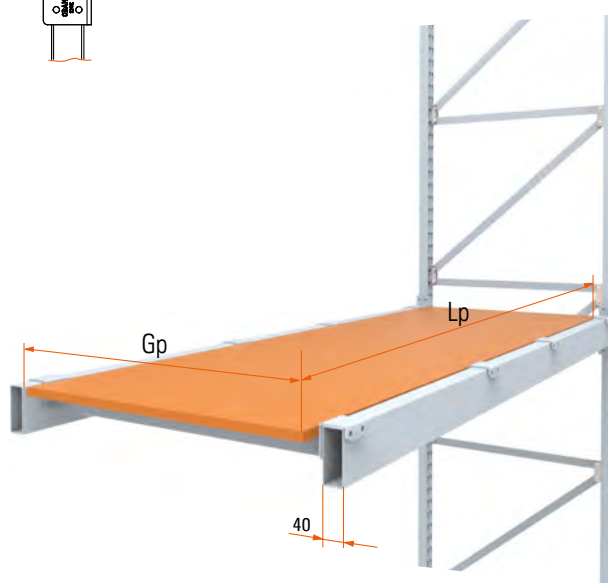
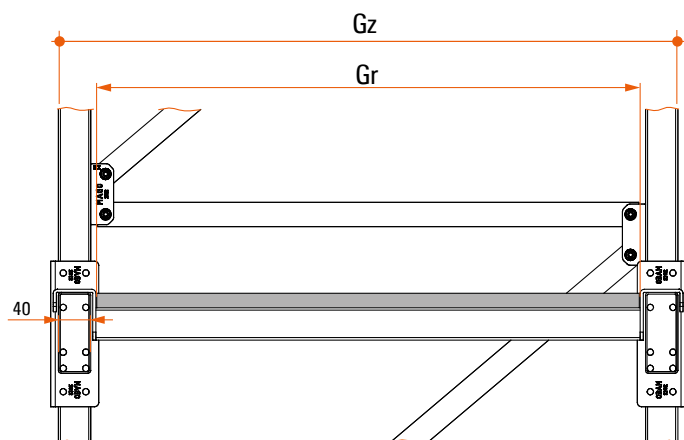
### WIRE SHELVES

They are made of steel wire and supplied galvanized or powder coated. The excellent permeability of the gratings makes them particularly suitable for use in facilities with automatic fire extinguishing systems. The permissible load for a single grating is shown in the table.

L/G [mm]	G=477	G=677
L=975	465 kg	231 kg
L=1308	623 kg	309 kg

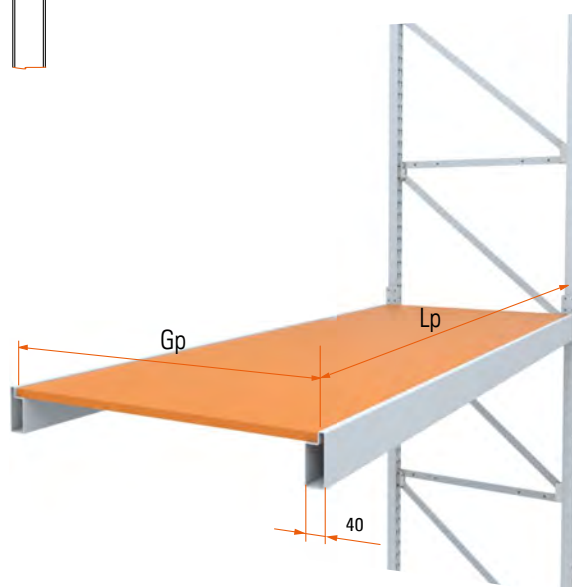
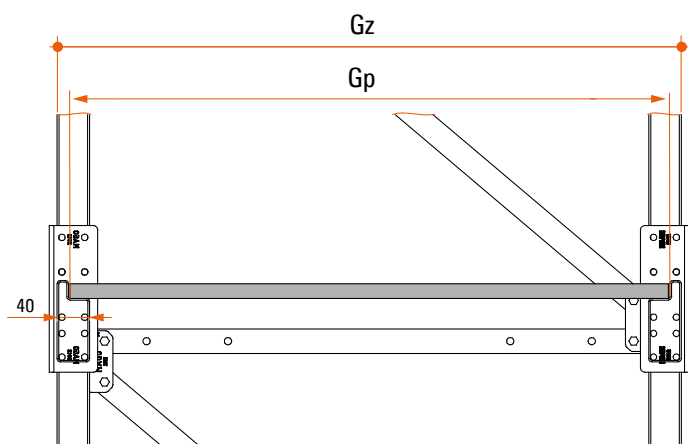
As in previous cases, the permissible load of the entire level must not be greater than the permissible load of two beams on which the wire grating shelf is built.

## LAMINATED BOARD SHELVES ON SUPPORT BARS ON BEAMS 40 MM WIDE



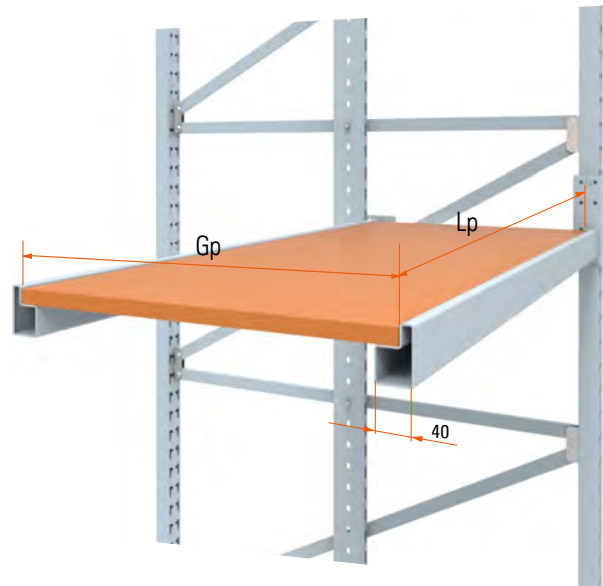
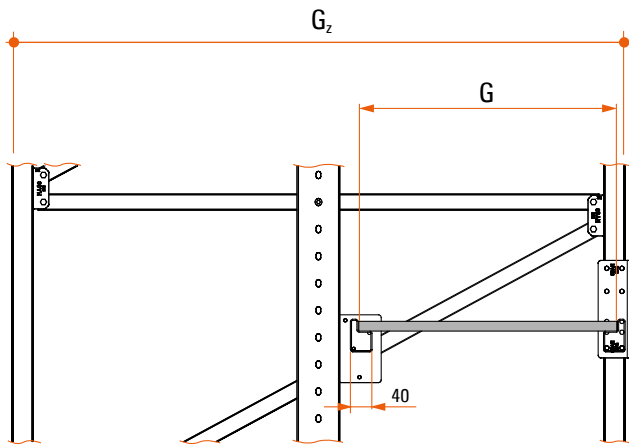
Frame Gh	Beam Gr [mm]	Shelf Gp x Lp [mm]	Beam Lh						
			1250	1330	2000	2500	2660	2730	3000
600	474	Gp x Lp	470×1200	470×1280	470×1950	470×2450	470×2615	470×2685	470×1475
		Code	PP-B04701200	PP-B04701280	PP-B04701950	PP-B04702450	PP-B04702615	PP-B04702685	2 x PP-B04701475
700	574	Gp x Lp	570×1200	570×1280	570×1950	570×2450	570×2615	570×2685	570×1475
		Code	PP-B05701200	PP-B05701280	PP-B05701950	PP-B05702450	PP-B05702615	PP-B05702685	2 x PP-B05701475
800	674	Gp x Lp	670×1200	670×1280	670×1950	670×2450	670×2615	670×2685	670×1475
		Code	PP-B06701200	PP-B06701280	PP-B06701950	PP-B06702450	PP-B06702615	PP-B06702685	2 x PP-B06701475
950	841	Gp x Lp	837×1200	837×1280	837×1950	837×2450	837×2615	837×2685	837×1475
		Code	PP-B08371200	PP-B08371280	PP-B08371950	PP-B08372450	PP-B08372615	PP-B08372685	2 x PP-B08371475
1150	1041	Gp x Lp	1037×1200	1037×1280	1037×1950	1037×2450	1037×2615	1037×2685	1037×1475
		Code	PP-B10371200	PP-B10371280	PP-B10371950	PP-B10372450	PP-B10372615	PP-B10372685	2 x PP-B10371475
1350	1241	Gp x Lp	1237×1200	1237×1280	1237×1950	1237×2450	1237×2615	1237×2685	1237×1475
		Code	PP-B12371200	PP-B12371280	PP-B12371950	PP-B12372450	PP-B12372615	PP-B12372685	2 x PP-B12371475
1550	1441	Gp x Lp	1437×1200	1437×1280	1437×1950	1437×2450	1437×2615	1437×2685	1437×1475
		Code	PP-B14371200	PP-B14371280	PP-B14371950	PP-B14372450	PP-B14372615	PP-B14372685	2 x PP-B14371475

## LAMINATED BOARD SHELVES ON STEP BEAMS



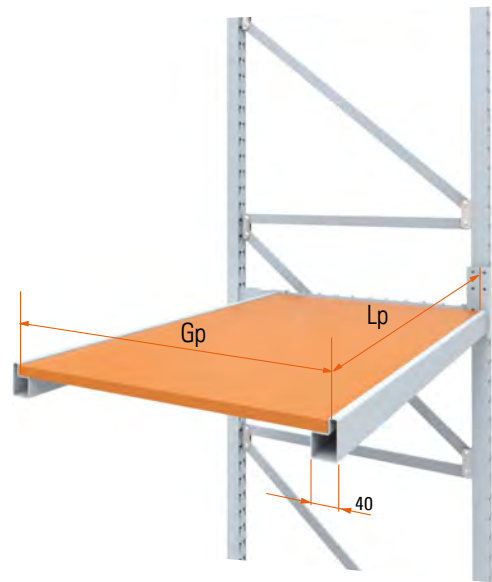
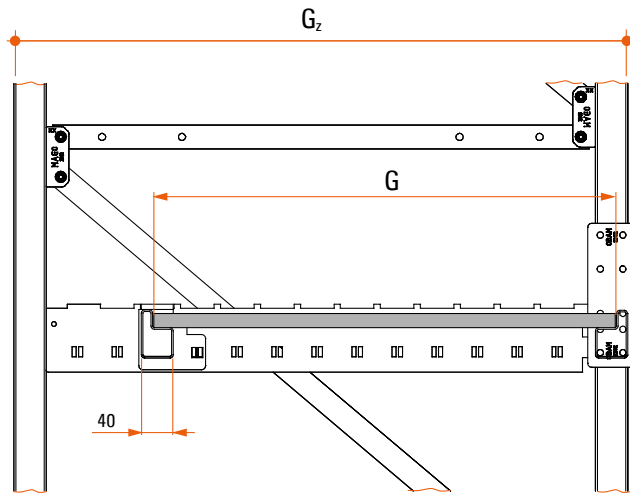
Frame Gh	Shelf Gp x Lp [mm]	Beam Lh						
		1250	1330	2000	2500	2660	2730	3000
600	Gp x Lp	535 x 1200	535 x 1280	535 x 1950	535 x 2450	535 x 2615	535 x 2685	535 x 1475
	Code	PP-B05351200	PP-B05351280	PP-B05351950	PP-B05352450	PP-B05352615	PP-B05352685	2 x PP-B05351475
700	Gp x Lp	635 x 1200	635 x 1280	635 x 1950	635 x 2450	635 x 2615	635 x 2685	635 x 1475
	Code	PP-B06351200	PP-B06351280	PP-B06351950	PP-B06352450	PP-B06352615	PP-B06352685	2 x PP-B06351475
800	Gp x Lp	735 x 1200	735 x 1280	735 x 1950	735 x 2450	735 x 2615	735 x 2685	735 x 1475
	Code	PP-B07351200	PP-B07351280	PP-B07351950	PP-B07352450	PP-B07352615	PP-B07352685	2 x PP-B07351475
950	Gp x Lp	902 x 1200	902 x 1280	902 x 1950	902 x 2450	902 x 2615	902 x 2685	902 x 1475
	Code	PP-B09021200	PP-B09021280	PP-B09021950	PP-B09022450	PP-B09022615	PP-B09022685	2 x PP-B09021475
1150	Gp x Lp	1102 x 1200	1102 x 1280	1102 x 1950	1102 x 2450	1102 x 2615	1102 x 2685	1102 x 1475
	Code	PP-B11021200	PP-B11021280	PP-B11021950	PP-B11022450	PP-B11022615	PP-B11022685	2 x PP-B11021475
1350	Gp x Lp	1302 x 1200	1302 x 1280	1302 x 1950	1302 x 2450	1302 x 2615	1302 x 2685	1302 x 1475
	Code	PP-B13021200	PP-B13021280	PP-B13021950	PP-B13022450	PP-B13022615	PP-B13022685	2 x PP-B13021475
1550	Gp x Lp	1502 x 1200	1502 x 1280	1502 x 1950	1502 x 2450	1502 x 2615	1502 x 2685	1502 x 1475
	Code	PP-B15021200	PP-B15021280	PP-B15021950	PP-B15022450	PP-B15022615	PP-B15022685	2 x PP-B15021475

LAMINATED BOARD RACKS FOR STEP BEAMS,  
INCLUDING ONE SPECIAL BEAM NX-T1160 TYPE...  
IN DOUBLE-SIDED RACKS



Frame Gh	Shelf Gp x Lp [mm]	Beam Lh						
		1250	1330	2000	2500	2660	2730	3000
950	Gp x Lp	377×1200	377×1280	377×1950	377×2450	377×2615	377×2685	377×1475
	Code	PP-B03771200	PP-B03771280	PP-B03771950	PP-B03772450	PP-B03772615	PP-B03772685	2 x PP-B03771475
1150	Gp x Lp	477×1200	477×1280	477×1950	477×2450	477×2615	477×2685	477×1475
	Code	PP-B04771200	PP-B04771280	PP-B04771950	PP-B04772450	PP-B04772615	PP-B04772685	2 x PP-B04771475
1350	Gp x Lp	577×1200	577×1280	577×1950	577×2450	577×2615	577×2685	577×1475
	Code	PP-B05771200	PP-B05771280	PP-B05771950	PP-B05772450	PP-B05772615	PP-B05772685	2 x PP-B05771475
1550	Gp x Lp	677×1200	677×1280	677×1950	677×2450	677×2615	677×2685	677×1475
	Code	PP-B06771200	PP-B06771280	PP-B06771950	PP-B06772450	PP-B06772615	PP-B06772685	2 x PP-B06771475

## LAMINATED BOARD RACKS FOR STEP BEAMS, INCLUDING ONE SPECIAL BEAM NX-T2260...



Frame Gh	Gp [mm]	Shelf Gp x Lp [mm]	Beam Lh						
			1250	1330	2000	2500	2660	2730	3000
600	377	Gp x Lp	377×1200	377×1280	377×1950	377×2450	377×2615	377×2685	377×1475
		Code	PP-B03771200	PP-B03771280	PP-B03771950	PP-B03772450	PP-B03772615	PP-B03772685	2 x PP-B03771475
700	377	Gp x Lp	377×1200	377×1280	377×1950	377×2450	377×2615	377×2685	377×1475
		Code	PP-B03771200	PP-B03771280	PP-B03771950	PP-B03772450	PP-B03772615	PP-B03772685	2 x PP-B03771475
	477	Gp x Lp	477×1200	477×1280	477×1950	477×2450	477×2615	477×2685	477×1475
		Code	PP-B04771200	PP-B04771280	PP-B04771950	PP-B04772450	PP-B04772615	PP-B04772685	2 x PP-B04771475
800	377	Gp x Lp	377×1200	377×1280	377×1950	377×2450	377×2615	377×2685	377×1475
		Code	PP-B03771200	PP-B03771280	PP-B03771950	PP-B03772450	PP-B03772615	PP-B03772685	2 x PP-B03771475
	477	Gp x Lp	477×1200	477×1280	477×1950	477×2450	477×2615	477×2685	477×1475
		Code	PP-B04771200	PP-B04771280	PP-B04771950	PP-B04772450	PP-B04772615	PP-B04772685	2 x PP-B04771475
	577	Gp x Lp	577×1200	577×1280	577×1950	577×2450	577×2615	577×2685	577×1475
		Code	PP-B05771200	PP-B05771280	PP-B05771950	PP-B05772450	PP-B05772615	PP-B05772685	2 x PP-B05771475

## PANEL SHELVES ON STEP BEAMS ONE-SIDED SHELVING

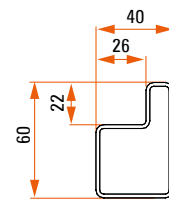


### 4M060 STEP BEAMS

Top type

Middle type

Bottom type



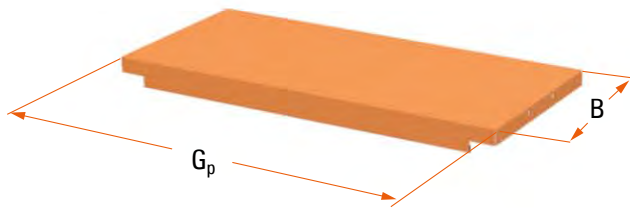
Lh	Top	Middle	Bottom
1250	NX-T06601250	NX-T02601250	NX-T04601250
1330	NX-T06601330	NX-T02601330	NX-T04601330
2000	NX-T06602000	NX-T02602000	NX-T04602000
2500	NX-T06602500	NX-T02602500	NX-T04602500
2660	NX-T06602660	NX-T02602660	NX-T04602660
2730	NX-T06602730	NX-T02602730	NX-T04602730
3000	NX-T06603000	NX-T02603000	NX-T04603000



**NOTE:**  
Two protections must be ordered  
for each beam: NX-A00100000



## PANEL SHELVES ON ONE-SIDED SHELVING

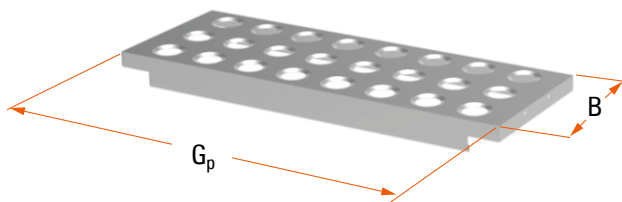


### Using the table. Example:

To fill one storage level on the NX Mini 55×40 frame with depth Gh-700 with beams Lh – 2500, it is necessary to order 5 panel shelves NX-P0201... and 7 panel shelves NX-P0202... with depth Gp – 636 mm.

Frame	Panel shelves				Beam Lh						
	G <sub>n</sub>	G <sub>p</sub> [mm]	B	Load [kg]	Code	1250	1330	2000	2500	2660	2730
600	536	186	90	NX-P02010536	4	1	1	5	-	12	3
		217		NX-P02020536	2	5	8	7	12	2	11
700	636	186	80	NX-P02010636	4	1	1	5	-	12	3
		217		NX-P02020636	2	5	8	7	12	2	11
800	736	186	70	NX-P02010736	4	1	1	5	-	12	3
		217		NX-P02020736	2	5	8	7	12	2	11

## PERFORATED PANEL SHELVES FOR ONE-SIDED SHELVING

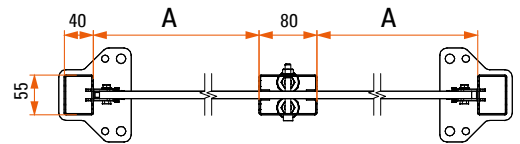


### Using the table. Example:

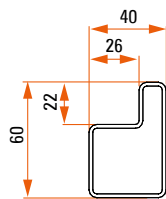
To fill one storage level on the NX Mini 55×40 frame with depth Gh-700 with beams Lh – 2500, it is necessary to order 5 panel shelves NX-P0101... and 7 panel shelves NX-P0102... with depth Gp – 636 mm.

Frame	Panel shelves				Beam Lh						
	G <sub>h</sub>	G <sub>p</sub> [mm]	B	Load [kg]	Code	1250	1330	2000	2500	2660	2730
600	536	186	90	NX-P01010536	4	1	1	5	-	12	3
		217		NX-P01020536	2	5	8	7	12	2	11
700	636	186	80	NX-P01010636	4	1	1	5	-	12	3
		217		NX-P01020636	2	5	8	7	12	2	11
800	736	186	70	NX-P01010736	4	1	1	5	-	12	3
		217		NX-P01020736	2	5	8	7	12	2	11

## SOLID AND PERFORATED MOUNTED PANEL SHELVES IN DOUBLE-SIDED RACKS

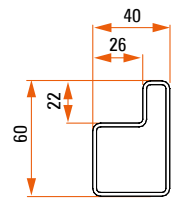


4M060 SPECIAL STEP BEAM



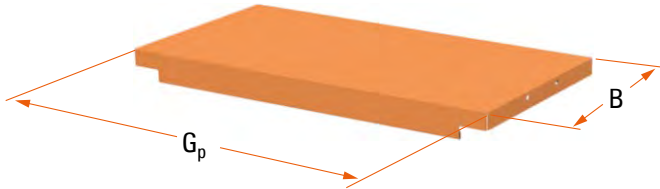
Lh	Code
1250	NX-T11601250
1330	NX-T11601330
2000	NX-T11602000
2500	NX-T11602500
2660	NX-T11602660
2730	NX-T11602730
3000	NX-T11603000

4M060 STEP BEAM



Lh	Code
1250	NX-T02601250
1330	NX-T02601330
2000	NX-T02602000
2500	NX-T02602500
2660	NX-T02602660
2730	NX-T02602730
3000	NX-T02603000

## FULL PANEL SHELVES FOR STEP BEAMS, INCLUDING ONE SPECIAL ONE FOR DOUBLE-SIDED SHELVING

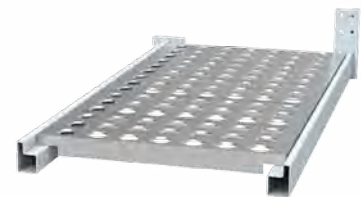
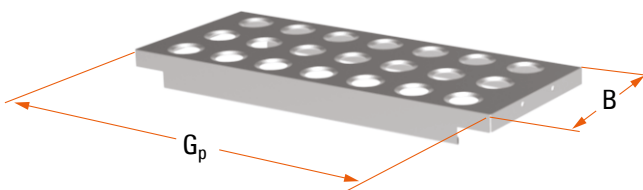


### Using the table. Example:

To fill one storage level on one side on a NX Mini 55×40 frame with a depth of Gh 1150 with beams Lh – 2500 it is necessary to order 5 panel shelves NX-P0201... and 7 panel shelves NX-P0202... with depth Gp – 477 mm.

Frame		Panel shelves				Beam Lh						
Gh	A [mm]	Gp [mm]	B [mm]	Load [kg]	Code	1250	1330	2000	2500	2660	2730	3000
950	387	377	186	100	NX-P02010377	4	1	1	5	-	12	3
			217		NX-P02020377	2	5	8	7	12	2	11
1150	487	477	186	100	NX-P02010477	4	1	1	5	-	12	3
			217		NX-P02020477	2	5	8	7	12	2	11
1350	587	577	186	90	NX-P02010577	4	1	1	5	-	12	3
			217		NX-P02020577	2	5	8	7	12	2	11
1550	687	677	186	80	NX-P02010677	4	1	1	5	-	12	3
			217		NX-P02020677	2	5	8	7	12	2	11

## PERFORATED PANEL SHELVES FOR STEP BEAMS, INCLUDING A SPECIAL ONE FOR DOUBLE-SIDED SHELVING



### Using the table. Example:

To fill one storage level on one side on a NX Mini 55×40 frame with a depth of Gh 1150 with beams Lh - 2500 it is necessary to order 5 panel shelves NX-P0101... and 7 panel shelves NX-P0102... with depth Gp – 477 mm.

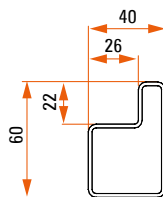
Frame		Panel shelves				Beam Lh						
Gh	A [mm]	Gp [mm]	B [mm]	Load [kg]	Code	1250	1330	2000	2500	2660	2730	3000
950	387	377	186	100	NX-P01010377	4	1	1	5	-	12	3
			217		NX-P01020377	2	5	8	7	12	2	11
1150	487	477	186	100	NX-P01010477	4	1	1	5	-	12	3
			217		NX-P01020477	2	5	8	7	12	2	11
1350	587	577	186	90	NX-P01010577	4	1	1	5	-	12	3
			217		NX-P01020577	2	5	8	7	12	2	11
1550	687	677	186	80	NX-P01010677	4	1	1	5	-	12	3
			217		NX-P01020677	2	5	8	7	12	2	11

## SOLID AND PERFORATED PANEL SHELVES FOR SPECIAL BEAM RACKS THAT ENABLE RACK SHALLOWING



4M060 SPECIAL STEP BEAM (FOR USE WITH SUPPORTS NX-W0020...; NX-W0021... ; PAIRED WITH STANDARD BEAM 4M060)

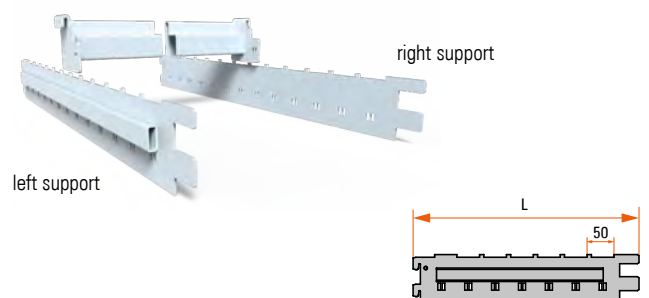
NX MINI FRAME SUPPORT 55×40



Lh	Code
1250	NX-T22601250
1330	NX-T22601330
2000	NX-T22602000
2500	NX-T22602500
2660	NX-T22602660
2730	NX-T22602730
3000	NX-T22603000

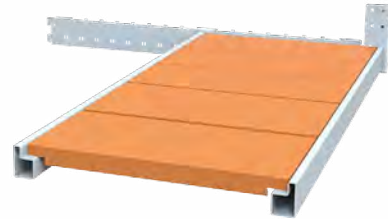
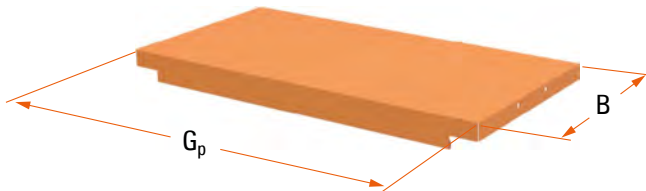


**NOTE:**  
Two protections must be ordered for each beam: MX-A00010053



Left support	Frame	L	Right support
	Gh		
NX-W00210600	600	520	NX-W00200600
NX-W00210700	700	620	NX-W00200700
NX-W00210800	800	720	NX-W00200800
TWO-SIDED INTEGRATION: SUPPORT FOR ONE SIDE OF INTEGRATION			
NX-W00210950	950	420	NX-W00200950
NX-W00211150	1150	520	NX-W00201150
NX-W00211350	1350	620	NX-W00201350
NX-W00211550	1550	720	NX-W00201550

## FULL PANEL SHELVES FOR STEP BEAMS, INCLUDING ONE SPECIAL ONE

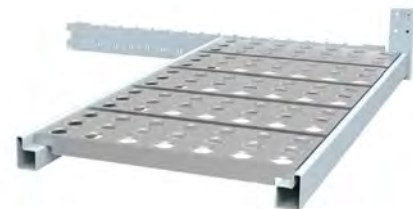
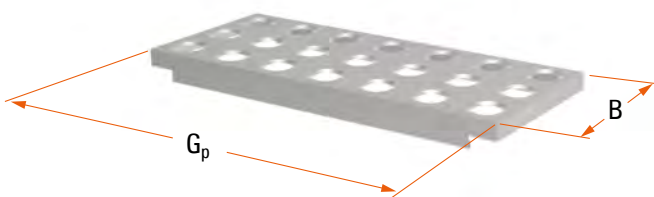


### Using the table. Example:

In order to build storage level Gp-377 on shallowed NX Mini 55×40 shelving unit with Lh – 2500 beams, you need to order 5 panel shelves NX-P0201... and 7 panel shelves NX-P0202...

Frame	Panel shelves				Beam Lh						
	Gh	Gp [mm]	B [mm]	Load [kg]	Code	1250	1330	2000	2500	2660	2730
600	377	186	100	NX-P02010377	4	1	1	5	-	12	3
		217		NX-P02020377	2	5	8	7	12	2	11
700	377	186	100	NX-P02010377	4	1	1	5	-	12	3
		217		NX-P02020377	2	5	8	7	12	2	11
800	477	186	100	NX-P02010477	4	1	1	5	-	12	3
		217		NX-P02020477	2	5	8	7	12	2	11

## PERFORATED PANEL SHELVES FOR STEP BEAMS, INCLUDING A SPECIAL ONE

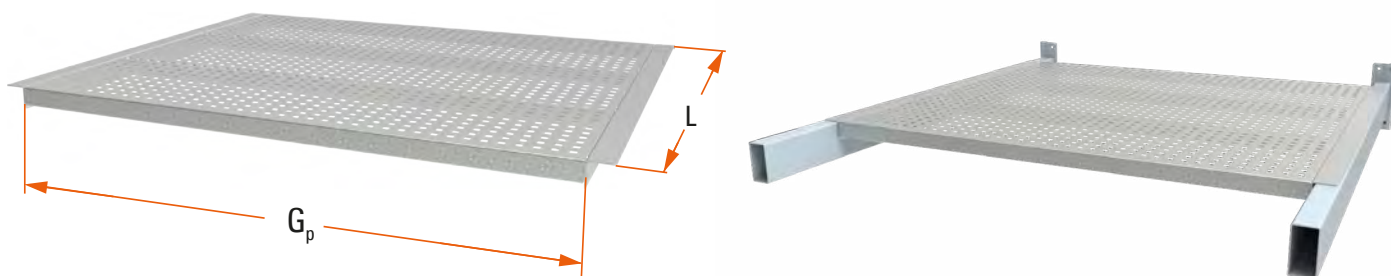


### Using the table. Example:

In order to build storage level Gp-377 on shallowed NX Mini 55×40 shelving unit with Lh – 2500 beams, you need to order 5 panel shelves NX-P0101... and 7 panel shelves NX-P0102...

Frame	Panel				Beam Lh						
	Gh	Gp [mm]	B [mm]	Load [kg]	Code	1250	1330	2000	2500	2660	2730
600	377	186	100	NX-P01010377	4	1	1	5	-	12	3
		217		NX-P01020377	2	5	8	7	12	2	11
700	377	186	100	NX-P01010377	4	1	1	5	-	12	3
		217		NX-P01020377	2	5	8	7	12	2	11
800	477	186	100	NX-P02010477	4	1	1	5	-	12	3
		217		NX-P02020477	2	5	8	7	12	2	11

## PERFORATED PANEL SHELF WITH ANGLE BRACKET ON A 40X... RECTANGULAR BEAM



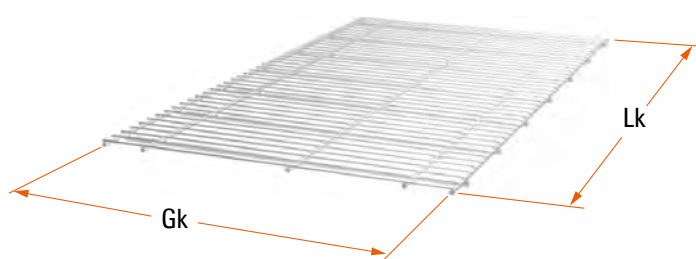
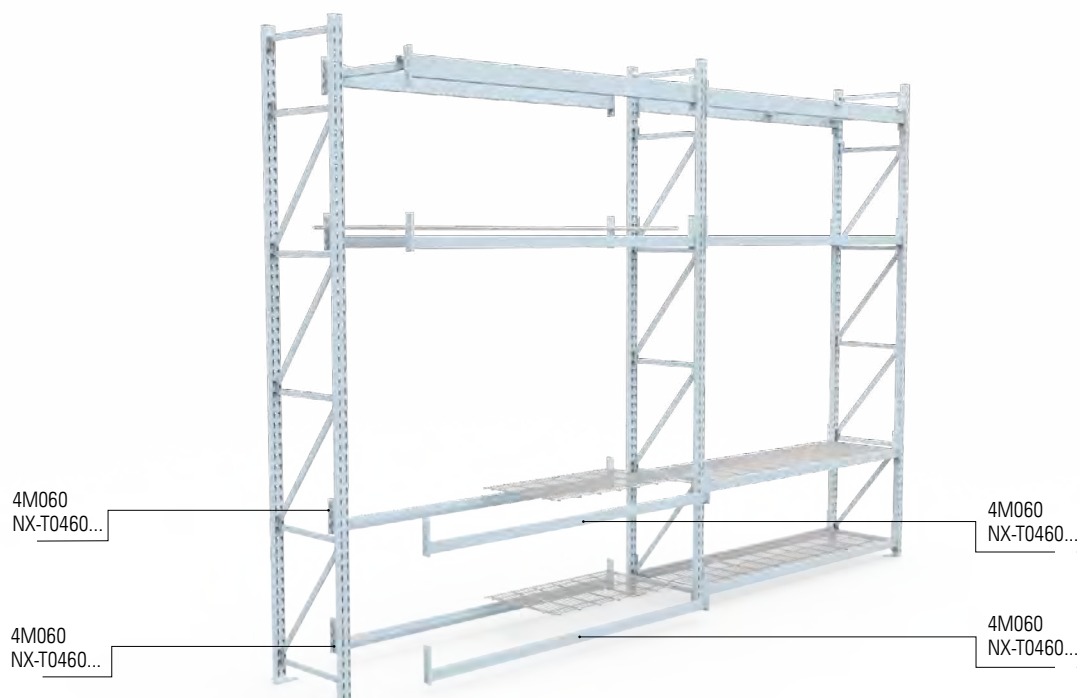
Frame retail depth Gh	Gp [mm]	Shelf length L [mm]	Code
600	482	860	NX-P26860600
	482	890	NX-P26890600
700	582	860	NX-P26860700
	582	890	NX-P26890700
800	682	860	NX-P26860800
	682	890	NX-P26890800
950	832	860	NX-P26860950
	832	890	NX-P26890950
1150	1032	860	NX-P26861150
	1032	890	NX-P26891150

Example:

Beam Lh 2660 (2625 mm)  $2 \times 860 + 890 = 2610$  mm

Beam Lh 2730 (2695 mm)  $3 \times 890 = 2670$  mm

## WIRE MESH SHELVES FOR STEP BEAMS ON ONE-SIDED RACKS

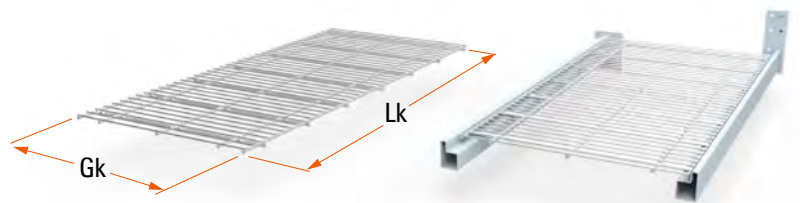
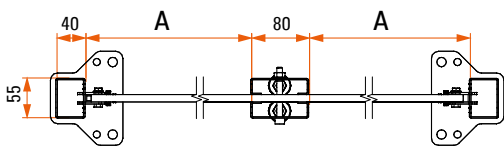
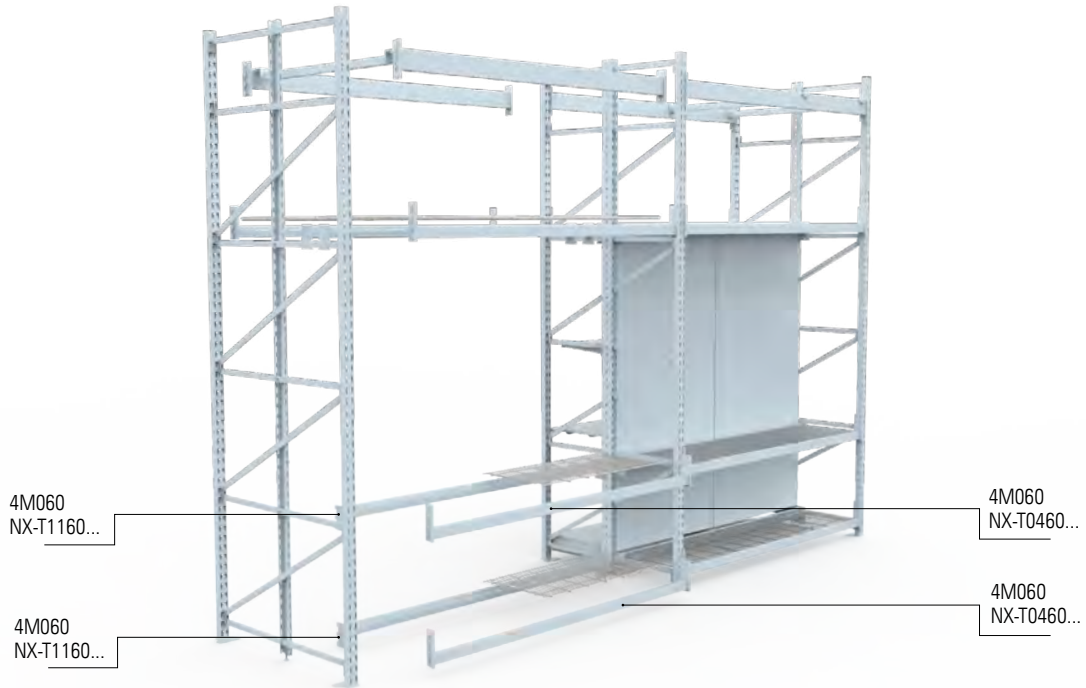


### SELECTION OF GRATINGS ACCORDING TO APPLIED FRAME AND BEAM LENGTH

Frame Gh	Grating	Beam Lh									
		1250	Q [kg] *	1330	Q [kg] *	2000	Q [kg] *	2500	Q [kg] *	2660	Q [kg] *
600	Gk x Lk [mm]	536×1205	452	536×1288	483	536×975	365	536×1225	459	536×1308	490
	Code	NX-P05011205		NX-P05011288		2 x NX-P05010975		2 x NX-P05011225		2 x NX-P05011308	
700	Gk x Lk [mm]	636×1205	329	636×1288	352	636×975	266	636×1225	335	636×1308	357
	Code	NX-P05021205		NX-P05021288		2 x NX-P05020975		2 x NX-P05021225		2 x NX-P05021308	
800	Gk x Lk [mm]	736×1205	230	736×1288	246	736×975	187	736×1225	234	736×1308	250
	Code	NX-P05031205		NX-P05031288		2 x NX-P05030975		2 x NX-P05031225		2 x NX-P05031308	

\*Q - permissible load per grating

## WIRE MESH SHELVES FOR STEP BEAMS, INCLUDING A SPECIAL ONE FOR DOUBLE-SIDED SHELVING



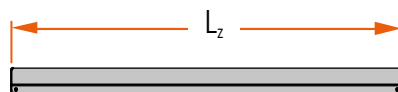
### SELECTION OF GRATINGS ACCORDING TO APPLIED FRAME AND BEAM LENGTH

Frame		Grating	Beam Lh									
Gh	A		1250	Q [kg] *	1330	Q [kg] *	2000	Q [kg] *	2500	Q [kg] *	2660	Q [kg] *
950	387	Gk x Lk [mm]	377×1205	726	377×1288	776	377×975	588	377×1225	738	377×1308	788
		Code	NX-P05041205		NX-P05041288		2 x NX-P05040975		2 x NX-P05041225		2 x NX-P05041308	
1150	487	Gk x Lk [mm]	477×1205	574	477×1288	614	477×975	465	477×1225	584	477×1308	623
		Code	NX-P05051205		NX-P05051288		2 x NX-P05050975		2 x NX-P05051225		2 x NX-P05051308	
1350	587	Gk x Lk [mm]	577×1205	396	577×1288	423	577×975	320	577×1225	402	577×1308	430
		Code	NX-P05061205		NX-P05061288		2 x NX-P05060975		2 x NX-P05061225		2 x NX-P05061308	
1550	687	Gk x Lk [mm]	677×1205	285	677×1288	305	677×975	231	677×1225	290	677×1308	309
		Code	NX-P05071205		NX-P05071288		2 x NX-P05070975		2 x NX-P05071225		2 x NX-P05071308	

\*Q - permissible load per grating

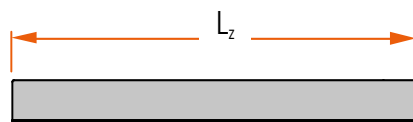
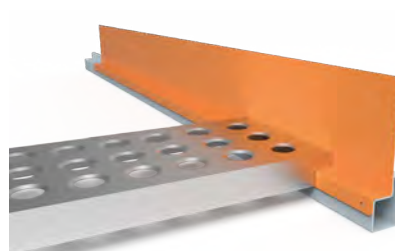


## Z-BRACKET FOR 40X... STEP BEAM H-20 (42) MM



Retail length Lh	Lz [mm]	Code
1250	1197	NX-A01181197
1330	1280	NX-A01181280
2000	1947	NX-A01181947
2500	2 pcs 1223	NX-A01181223
2660	2 pcs 1306	NX-A01181306

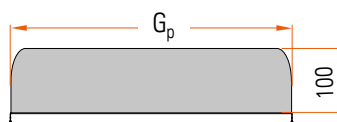
## H=100(125) MM Z-BRACKET FOR A 40X STEP BEAM



Retail length Lh	Lz [mm]	Code
1250	1197	NX-A01191197
1330	1280	NX-A01191280
2000	1947	NX-A01191947
2500	2 pcs 1223	NX-A01191223
2660	2 pcs 1306	NX-A01191306

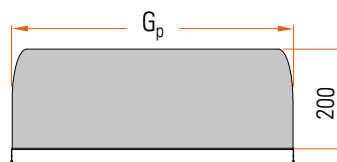


PARTITION FOR STEP BEAMS 40X... H=100 MM



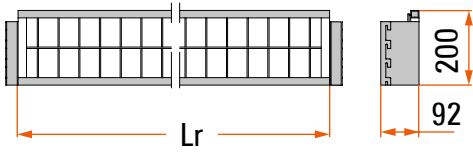
Gh leg	Gp [mm]	Code
950	903	NX-A02450903
950	378	NX-A02470378
1150	478	NX-A02470478
1350	578	NX-A02470578
1550	678	NX-A02470678

PARTITION FOR STEP BEAMS 40X... H=200 MM



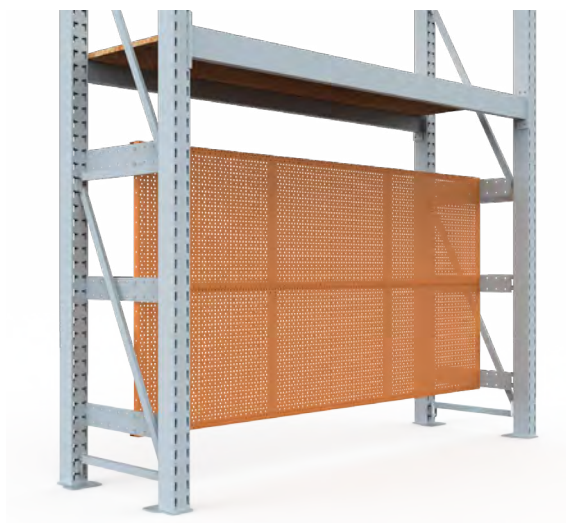
Frame Gh	Gp [mm]	Code
950	903	NX-A02460903
950	378	NX-A02480378
1150	478	NX-A02480478
1350	578	NX-A02480578
1550	678	NX-A02480678

## H-200 HIGH-STORAGE BACK AND 50 X 90 GRATING



Retail length Lh	Lr [mm]	Code
1330	1265	NX-A00971330
2000	1932	NX-A00972000
2500	2432	NX-A00972500
2660	2598	NX-A00972660

## DOUBLE-SIDED SUPPORT FOR BACK ATTACHMENT



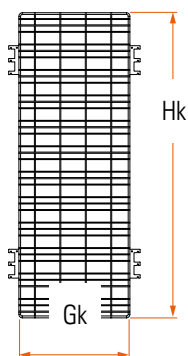
Frame Gh	G [mm]	Code
600	470	NX-W00550600
700	570	NX-W00550700
800	670	NX-W00550800
950	820	NX-W00550950
1150	1020	NX-W00551150
1350	1220	NX-W00551350
1550	1420	NX-W00551550

## H-500 PERFORATED BACK SCREWED TO DOUBLE-SIDED SUPPORTS



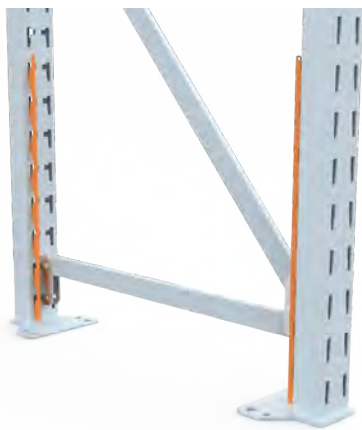
Retail length Lh	Code
1250	NX-A00151250
1330	NX-A00151330
2000	NX-A00152000
2500	NX-A00152500
2260	NX-A00152660
2730	NX-A00152730

## SIDE LEG GRATING



Frame Gh	Gk [mm]	Grating height Hk [mm]	Code
600	427	1200	NX-A01901120
		1500	NX-A01901150
		1600	NX-A01901160
700	527	1200	NX-A01902120
		1500	NX-A01902150
		1600	NX-A01902160
800	627	1200	NX-A01903120
		1500	NX-A01903150
		1600	NX-A01903160
950	794	1200	NX-A01904120
		1500	NX-A01904150
		1600	NX-A01904160
1150	994	1200	NX-A01905120
		1500	NX-A01905150
		1600	NX-A01905160
1350	1194	1200	NX-A01906120
		1500	NX-A01906150
		1600	NX-A01906160

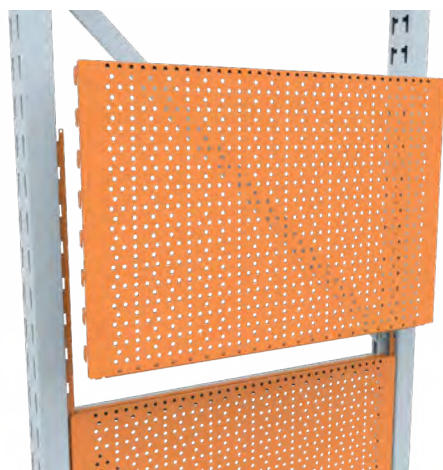
### COMB BAR + BACK



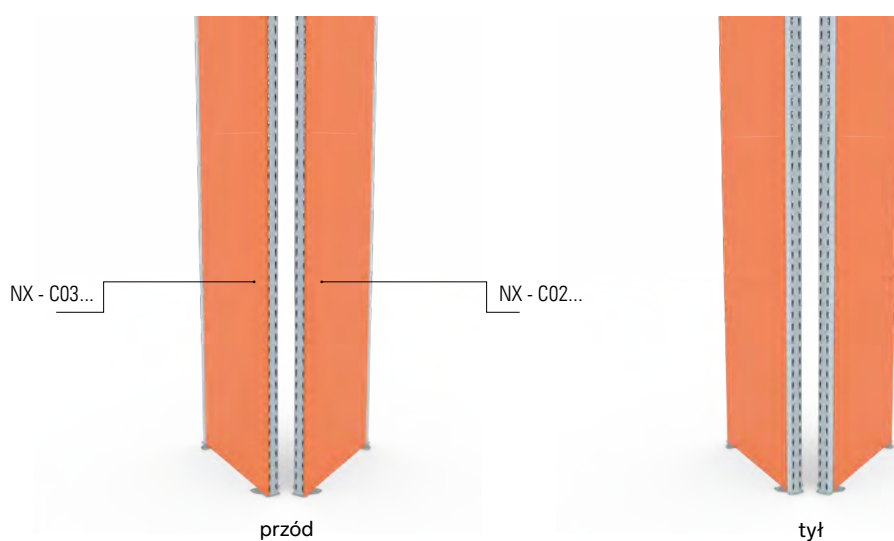
### COMB BAR FOR LEG NX

h [mm]	Code
200	NX-A20450200
300	NX-A20450300
400	NX-A20450400

### EURO PERFORATED BACK



Frame Gh	h [mm]	Rear Code
600	300	CE-T20300493
600	400	CE-T20400493
700	300	CE-T20300593
700	400	CE-T20400593
1150	300	CE-T20301060
1150	400	CE-T20401060
1350	300	CE-T20301260
1350	400	CE-T20401260



Frame Gh	G side	Height h [mm]	Code – bottom right side	Code – bottom left side
600	528	1400	NX-C02060140	NX-C03060140
		1500	NX-C02060150	NX-C03060150
		1600	NX-C02060160	NX-C03060160
		1700	NX-C02060170	NX-C03060170
		1800	NX-C02060180	NX-C03060180
700	628	1400	NX-C02070140	NX-C03070140
		1500	NX-C02070150	NX-C03070150
		1600	NX-C02070160	NX-C03070160
		1700	NX-C02070170	NX-C03070170
		1800	NX-C02070180	NX-C03070180
800	728	1400	NX-C02080140	NX-C03080140
		1500	NX-C02080150	NX-C03080150
		1600	NX-C02080160	NX-C03080160
		1700	NX-C02080170	NX-C03080170
		1800	NX-C02080180	NX-C03080180
950	878	1400	NX-C02095140	NX-C03095140
		1500	NX-C02095150	NX-C03095150
		1600	NX-C02095160	NX-C03095160
		1700	NX-C02095170	NX-C03095170
		1800	NX-C02095180	NX-C03095180
1150	1078	1400	NX-C02115140	NX-C03115140
		1500	NX-C02115150	NX-C03115150
		1600	NX-C02115160	NX-C03115160
		1700	NX-C02115170	NX-C03115170
		1800	NX-C02115180	NX-C03115180
1350	1278	1400	NX-C02135140	NX-C03135140
		1500	NX-C02135150	NX-C03135150
		1600	NX-C02135160	NX-C03135160
		1700	NX-C02135170	NX-C03135170
		1800	NX-C02135180	NX-C03135180

\* for installations higher than 2000 mm please use the top sides NX-C04... and NX-C05...

## PERFORATED EURO RIGHT/LEFT BOTTOM SIDE LEG PART GH-600 H-2000



h	G side	Code – left side	Code - right side
2000	528	NX-C01062000	NX-C00062000

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## INTEGRATION

NX system parts allow for a comfortable creation of the so-called “Integration,” i.e. building into the pallet rack (using common components) of the store rack. This design ensures the use of the high-load capacity of the pallet rack for storing or displaying goods at heights above 2.2–2.5 m, and in the lower part of the execution of the display and sales using a standard store rack.

Depending on one’s needs, it is possible to insert the shelving rack components (backs, supports, ...) directly into the perforation of the frame posts or into the perforation of special integration components – adapters.

NX Mini racks are particularly adapted for creating “Integration” with the racks of the MEGA system. The following pages present the basic components and the principles of their selection. All accessories suitable for the MEGA system can be used for such structures.

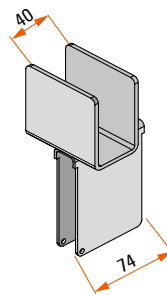




DIRECT INTEGRATION WITH THE STORE SHELF

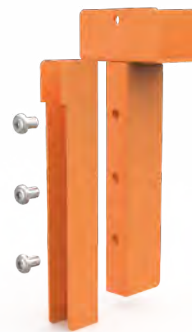
CENTRAL LEG CONNECTOR 60, 80 X 30  
FOR THE 40 MM BEAM

A) RECTANGULAR BOTTOM BEAM



Code
NX-A00300080

B) TOP, BOTTOM, AND MIDDLE BEAMS  
- RECTANGULAR AND STEP

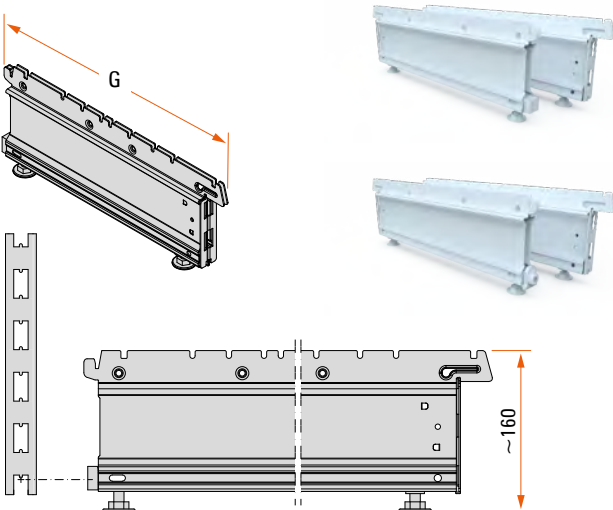


For profile	Code
60 x 30	NX-A00750060
80 x 30	NX-A00750080

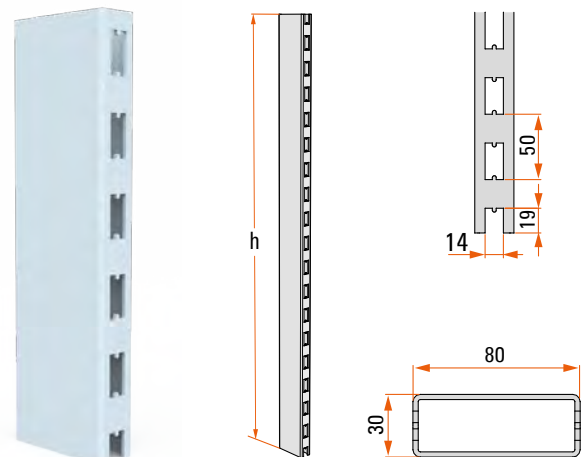


COMPATIBILITY WITH EUROPEAN SYSTEMS  
(DRIVEN CONNECTION)

DRIVEN/SCREWED TE FOOT (H~160 MM)



SYMMETRICAL POST



Gh	Code [DRIVEN]	Code [SCREWED]
270	TE-N96327011	TE-N96427011
370	TE-N96337011	TE-N96437011
470	TE-N96347011	TE-N96447011
570	TE-N96357011	TE-N96457011
670	TE-N96367011	TE-N96467011
770	TE-N96377011	TE-N96477011

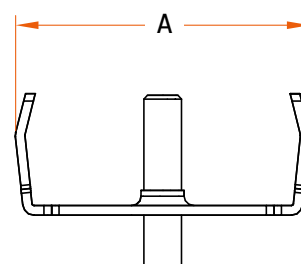
h [mm]	∅ 60 x 30	∅ 80 x 30
2110	TE-N07006210	TE-N07008210
2210	TE-N07006220	TE-N07008220
2310	TE-N07006230	TE-N07008230
2410	TE-N07006240	TE-N07008240
2510	TE-N07006250	TE-N07008250
2610	TE-N07006260	TE-N07008260

**STRONG INSERT FOR 30X POST...  
WITH POSSIBILITY OF ANCHORING TO FLOOR (SET)**



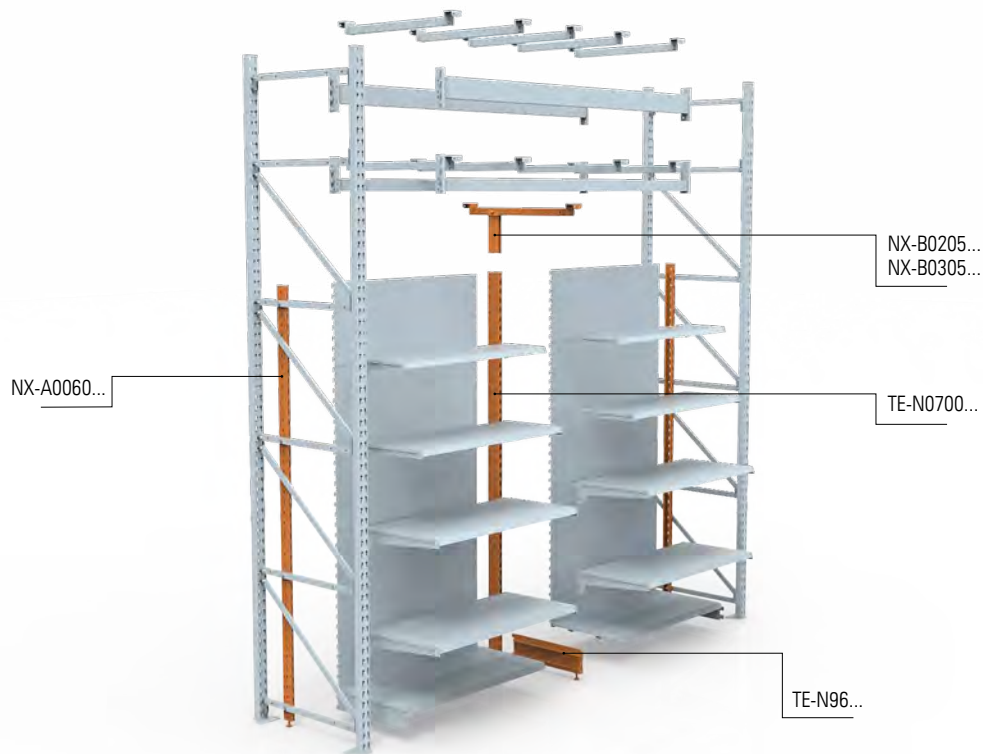
Post	Code
30x60	NX-A00250060
30x80	NX-A00250080

**STRONG INSERT FOR 30X POST...**

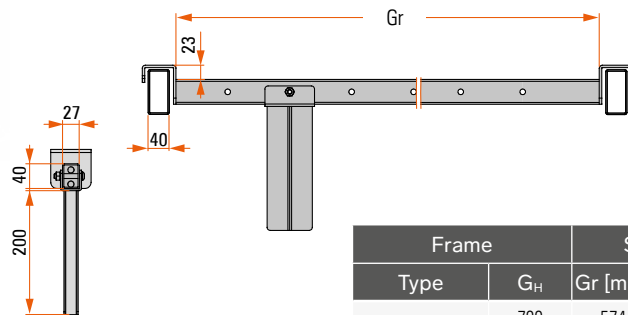


Post	Dimension A [mm]	Set code
30x60	56	W-A01700060
30x80	76	W-A01700080
30x110	106	W-A01700110

## ONE-SIDED INTEGRATION WITH SHALLOWING WITH STORE RACK

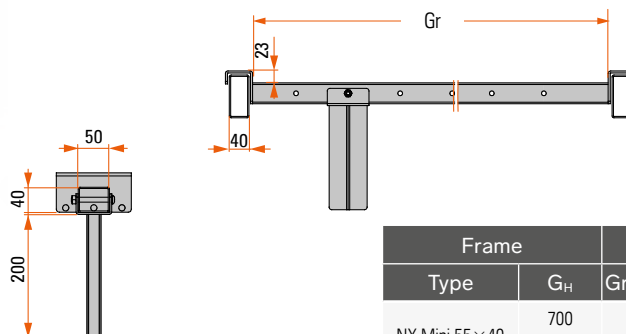


### 27 X 40 BAR FOR 40 BEAM FOR INTEGRATION WITH SHALLOWING FOR 80 X 30 POST OF CENTRAL LEG



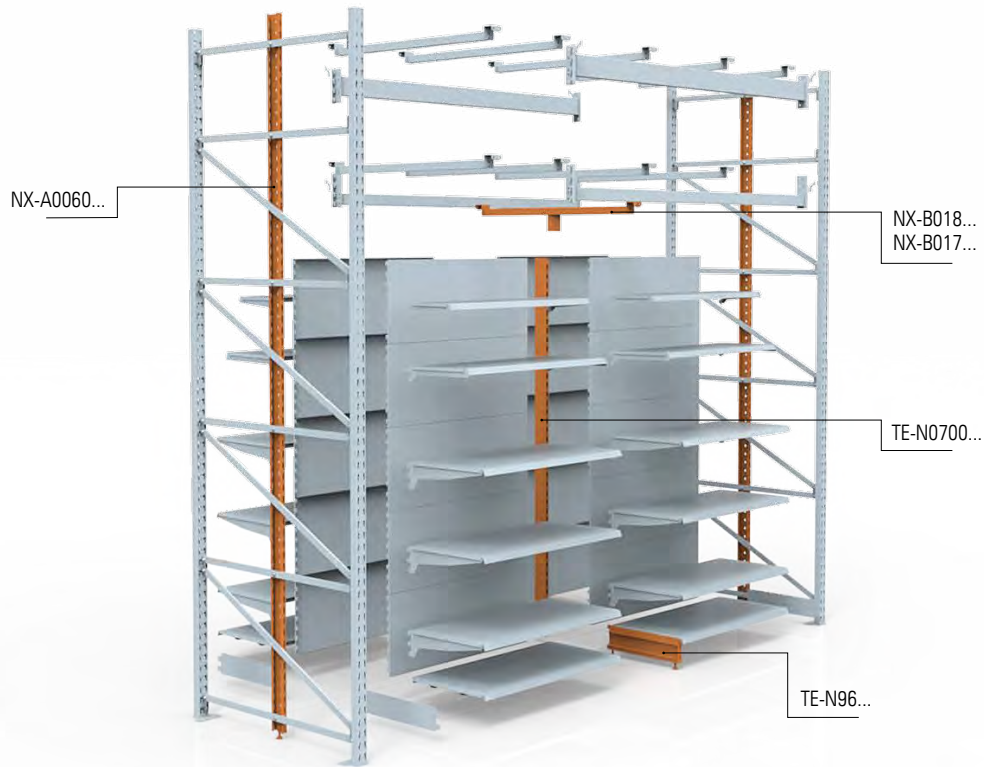
Frame		Support bar	
Type	G <sub>H</sub>	Gr [mm]	Code
NX Mini 55 × 40	700	574	NX-B02050574
	800	674	NX-B02050674

### 50 X 40 BAR FOR 40 BEAM FOR INTEGRATION IN THE SHALLOWING FOR 80 X 30 POST OF CENTRAL LEG

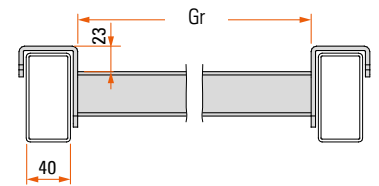
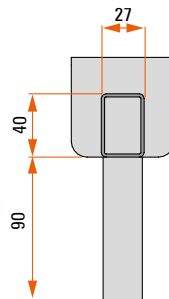
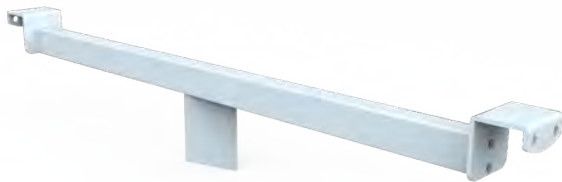


Frame		Support bar	
Type	G <sub>H</sub>	Gr [mm]	Code
NX Mini 55 × 40	700	574	NX-B03050574
	800	674	NX-B03050674

## DOUBLE-SIDED INTEGRATION WITH THE STORE SHELF

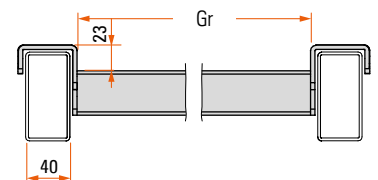
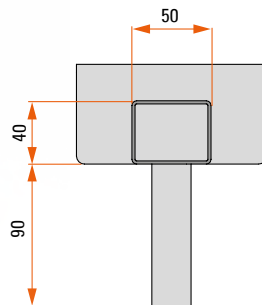


27 X 40 WITH 80 X 30 POST HANDLE  
FOR 40 MM SUPPORT BAR

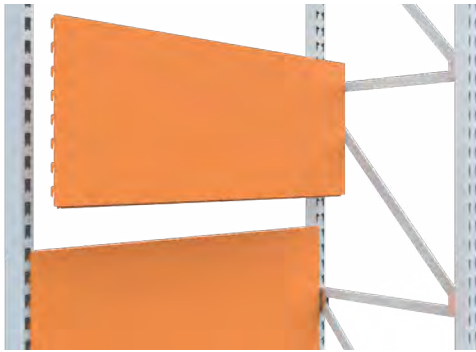


Frame		Support bar	
Type	Gh	Gr [mm]	Code
Mini 55x40	950	841	NX-B01850841
	1150	1041	NX-B01851041
	1350	1241	NX-B01851241
	1550	1441	NX-B01851441

50 X 40 WITH 80 X 30 POST HANDLE  
FOR 40 MM SUPPORT BAR, BEAM

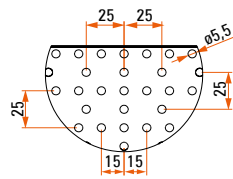
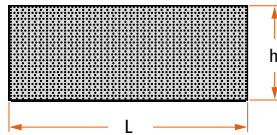
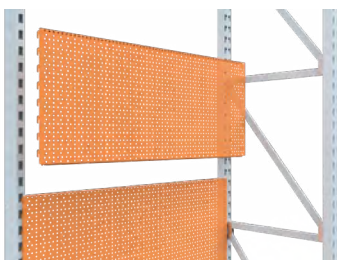


Frame		Support bar	
Type	Gh	Gr [mm]	Code
Mini 55x40	950	841	NX-B01750841
	1150	1041	NX-B01751041
	1350	1241	NX-B01751241
	1550	1441	NX-B01751441



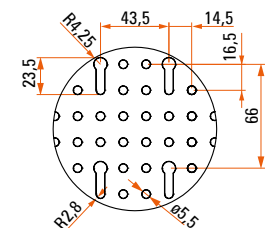
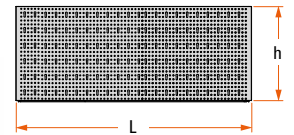
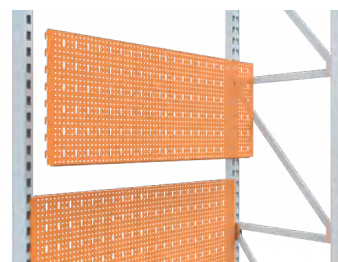
h	L - 1000	L - 1250	L - 1330
100	ME-T70101000	ME-T70101250	ME-T70101330
200	ME-T70201000	ME-T70201250	ME-T70201330
300	ME-T70301000	ME-T70301250	ME-T70301330
400	ME-T70401000	ME-T70401250	ME-T70401330

**BACK WITH "EURO" PERFORATION**



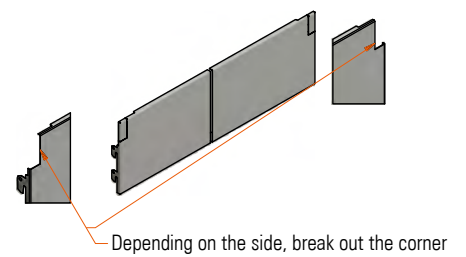
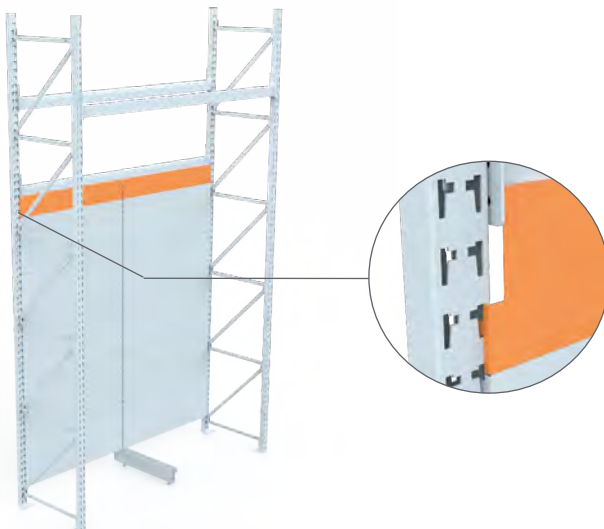
h	L - 1000	L - 1250	L - 1330
200	ME-T71201000	ME-T71201250	ME-T71201330
300	ME-T71301000	ME-T71301250	ME-T71301330
400	ME-T71401000	ME-T71401250	ME-T71401330

**BACK WITH "S"**



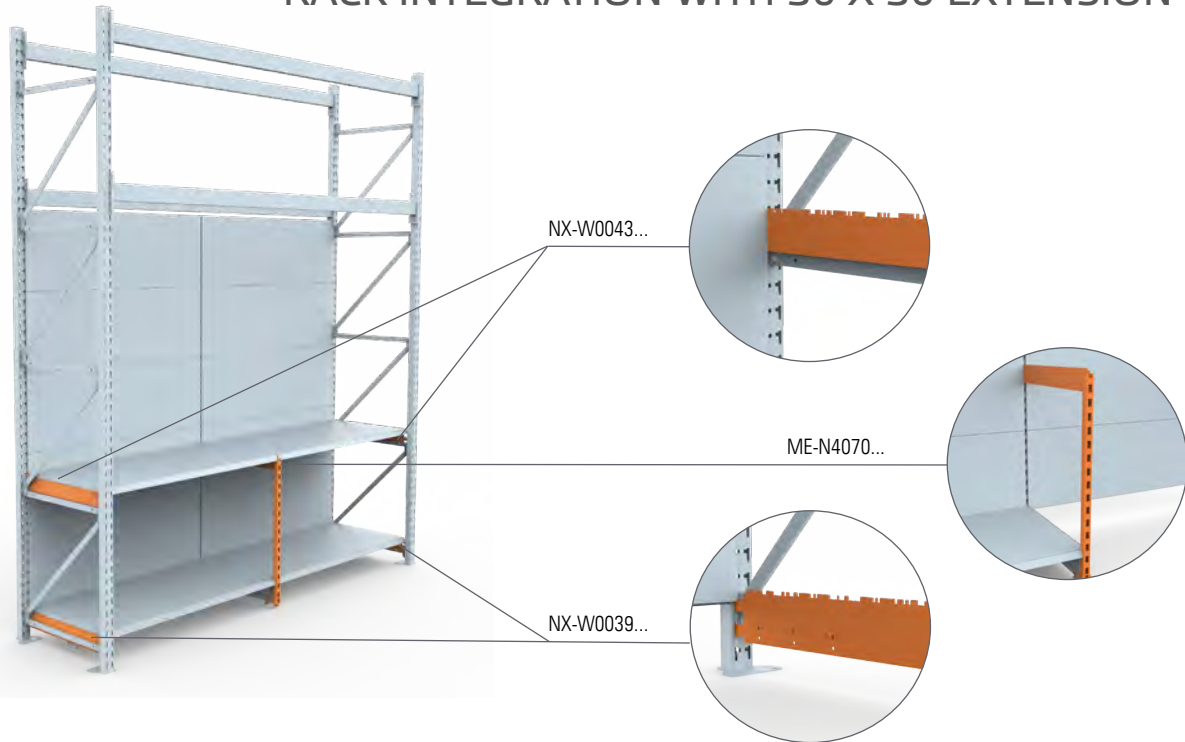
h	L - 1000	L - 1250	L - 1330
200	ME-T72201000	ME-T72201250	ME-T72201330
300	ME-T72301000	ME-T72301250	ME-T72301330
400	ME-T72401000	ME-T72401250	ME-T72401330

**TOP FILLING UNDER THE BOTTOM BEAM**



h	Code	Lh
150	NX-A20111000	1000
150	NX-A20111250	1250
150	NX-A20111330	1330

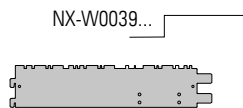
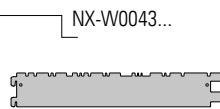
## RACK INTEGRATION WITH 30 X 30 EXTENSION POST



### DOUBLE-SIDED SUPPORT FOR INTEGRATION

### BASE SHELF DOUBLE-SIDED SUPPORT

Frame Gh	Shelf Gh	Code
600	470	NX-W00430470
700	570	NX-W00430570
800	670	NX-W00430670
Double-sided integration		
950	2 x 370	NX-W00430370
1150	2 x 470	NX-W00430470
1350	2 x 570	NX-W00430570
1550	2 x 670	NX-W00430670

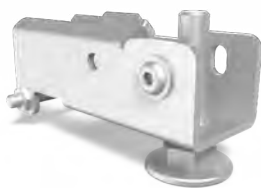


Frame Gh	Shelf Gh	Code
600	470	NX-W00390470
700	570	NX-W00390570
800	670	NX-W00390670
Double-sided integration		
950	2 x 370	NX-W00390370
1150	2 x 470	NX-W00390470
1350	2 x 570	NX-W00390570
1550	2 x 670	NX-W00390670

### EXTENSION POST ADAPTER

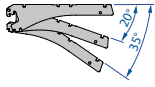
### 30 X 30 EXTENSION POST

L [mm]	Code
100	ME-A69560100

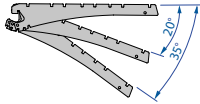


h [mm]	Code
800	ME-N40700080
900	ME-N40700090
1000	ME-N40700100
1100	ME-N40700110
1200	ME-N40700120
1300	ME-N40700130
1400	ME-N40700140
1500	ME-N40700150
1600	ME-N40700160
1700	ME-N40700170
1800	ME-N40700180
1900	ME-N40700190
2000	ME-N40700200

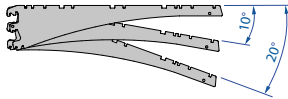
**"SLIM" SUPPORT**



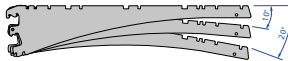
Gh - 270  
ME-W10010270



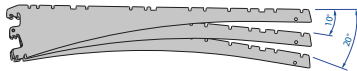
Gh - 370  
ME-W10010370



Gh - 470  
ME-W10010470

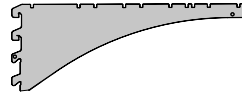


Gh - 570  
ME-W10010570

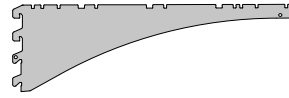


Gh - 670  
ME-W10010670

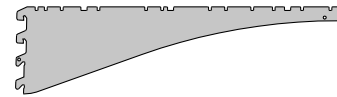
**"SLIM" STRONG SUPPORT**



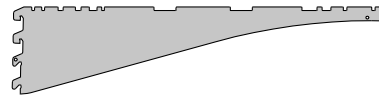
Gh - 470  
ME-W10020470



Gh - 570  
ME-W10020570



Gh - 670  
ME-W10020670



Gh - 770  
ME-W10020770

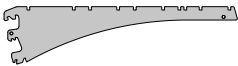
**"SLIM" SUPPORT,  
8 MM SHORTER**



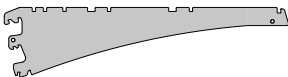
Gh - 270  
NX-W10010270



Gh - 370  
NX-W10010370

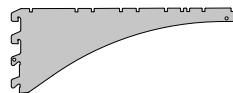


Gh - 470  
NX-W10010470

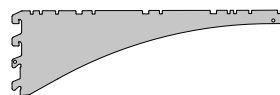


Gh - 570  
NX-W10010570

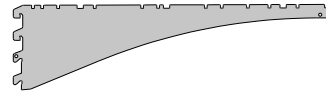
**"SLIM" STRONG SUPPORT,  
8 MM SHORTER**



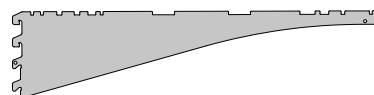
Gh - 470  
NX-W10020470



Gh - 570  
NX-W10020570



Gh - 670  
NX-W10020670

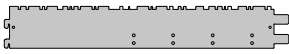


Gh - 770  
NX-W10020770

**BASE SHELF SUPPORTS FOR FULL HD FRAME DEPTH  
(WITHOUT INTEGRATION ADAPTERS)**

**BASE SHELF SUPPORT  
FOR SHALLOWED INTEGRATION**

Frame Gh - 600

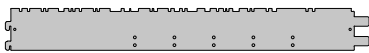


Gh - 370 ÷ 470  
NX-W00390470

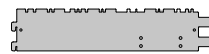


Gh - 370  
NX-W00390370

Frame Gh - 700

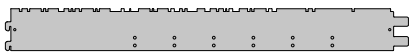


Gh - 370 ÷ 570  
NX-W00390570

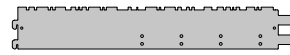


Gh - 370 ÷ 470  
NX-W00390470

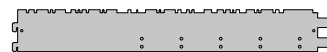
Frame Gh - 800



Gh - 370 ÷ 670  
NX-W00390670



Gh - 370 ÷ 670  
NX-W00390670



Gh - 370 ÷ 770  
NX-W00390770

**DOUBLE-SIDED SUPPORT FOR FULL FRAME DEPTH  
(WITHOUT ADAPTERS FOR INTEGRATION)**

**DOUBLE-SIDED SUPPORTS FOR INTEGRATION**

Frame Gh - 600



Shelf Gh - 370 ÷ 470  
NX-W00430470



Gh - 370 ÷ 470  
NX-W00430470

Frame Gh - 700



Shelf Gh - 370 ÷ 570  
NX-W00430570



Gh - 370 ÷ 570  
NX-W00430570

Frame Gh - 800



Shelf Gh - 370 ÷ 670  
NX-W00430670



Gh - 370 ÷ 670  
NX-W00430670

Frame Gh - 900



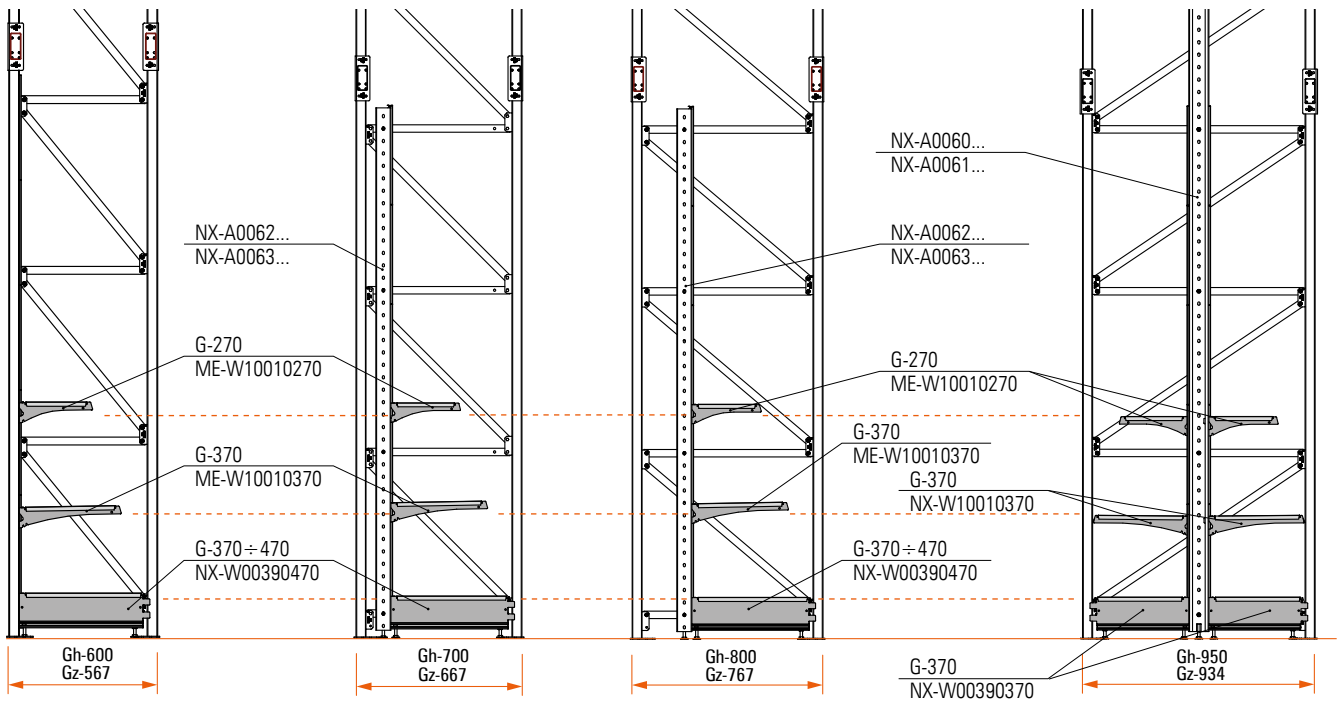
Shelf Gh - 370 ÷ 670  
NX-W00430770



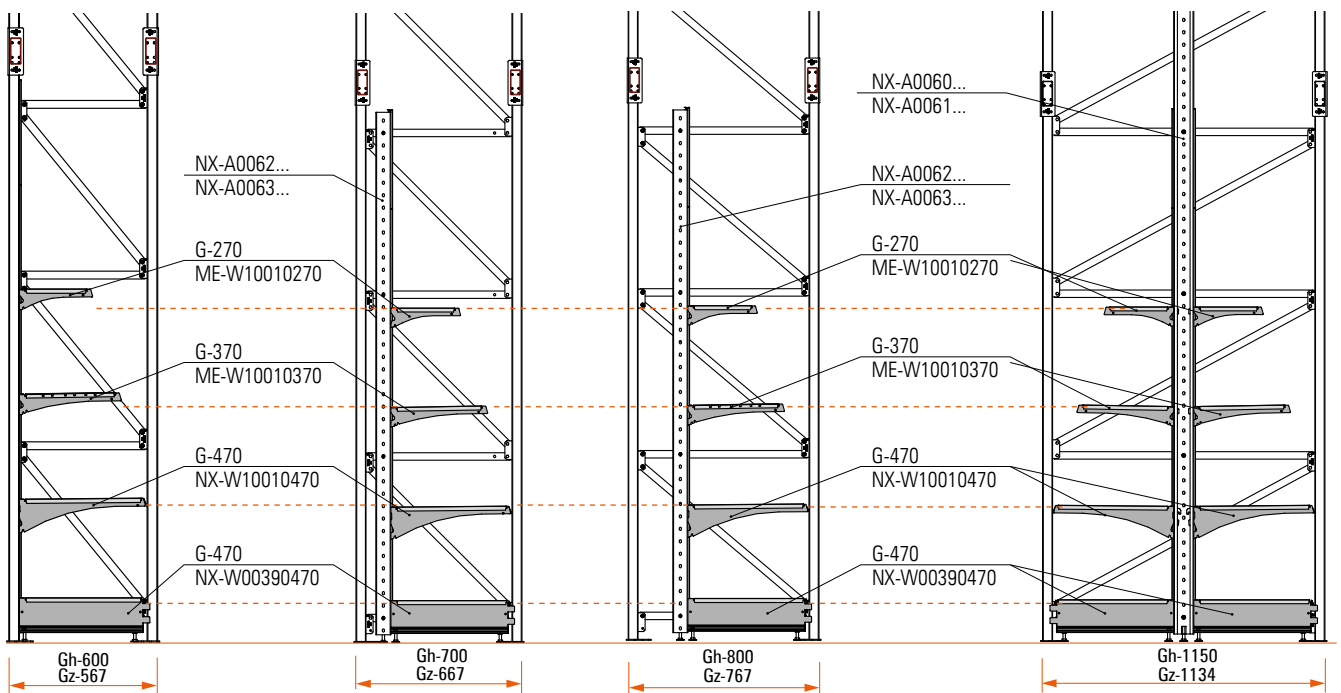
Gh - 370 ÷ 770  
NX-W00430770



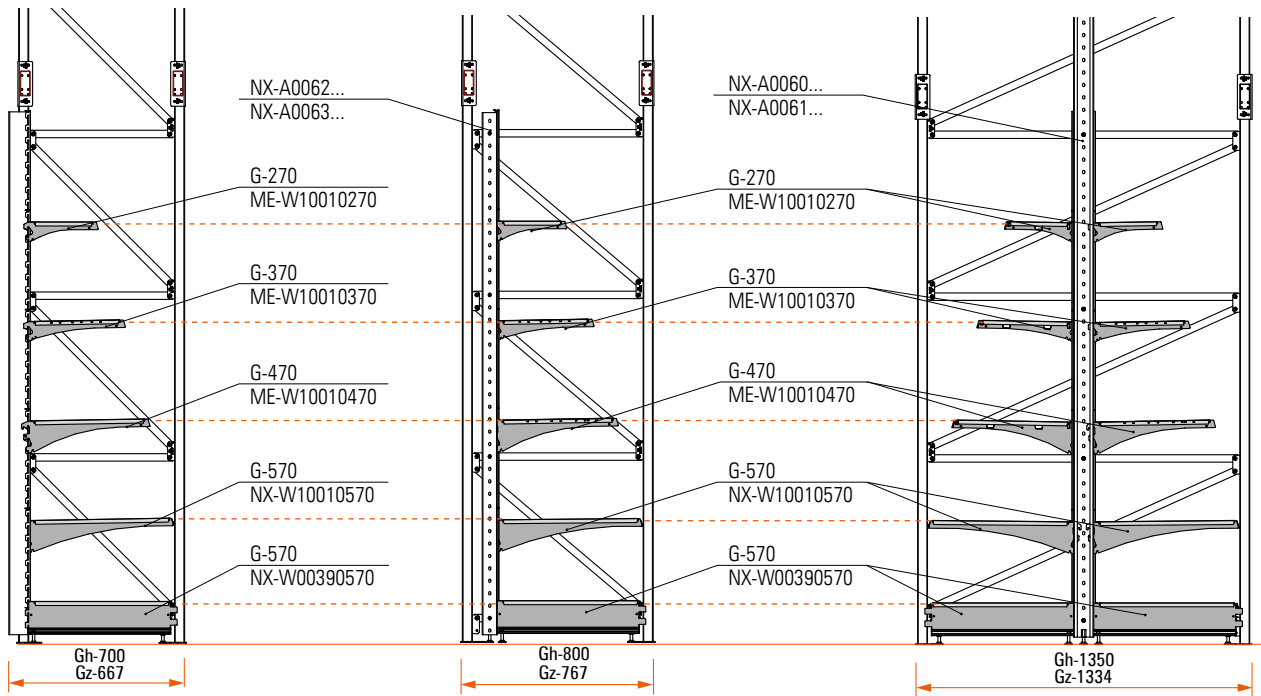
## INTEGRATING THE MAXIMUM DEPTH OF THE G-370 SHELVES, SELECTING SUPPORTS



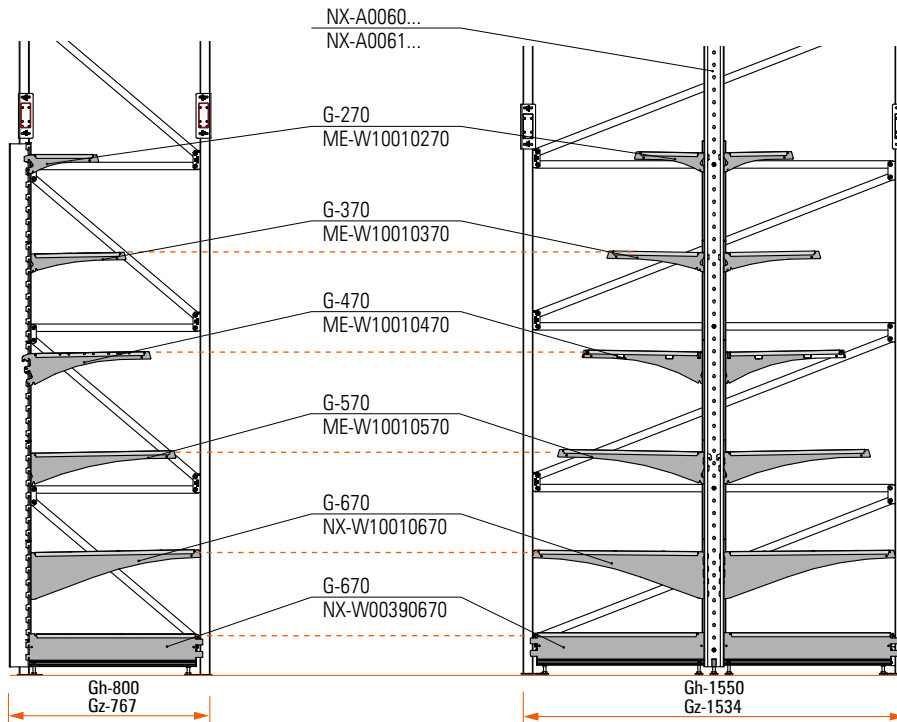
## INTEGRATING THE MAXIMUM DEPTH OF THE G-470 SHELVES, SELECTING SUPPORTS



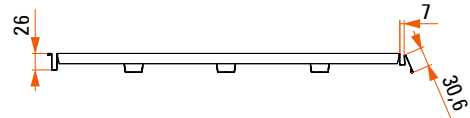
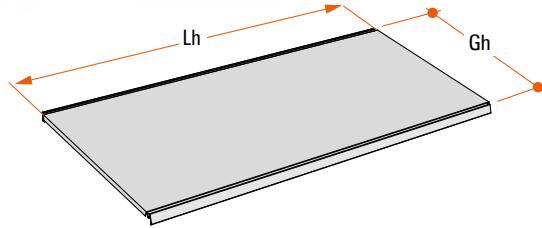
## INTEGRATING THE MAXIMUM DEPTH OF THE G-570 SHELVES, SELECTING SUPPORTS



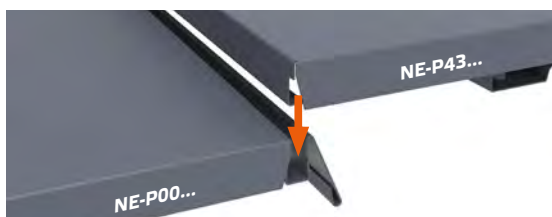
## INTEGRATING THE MAXIMUM DEPTH OF THE G-670 SHELVES, SELECTING SUPPORTS



## SHELF



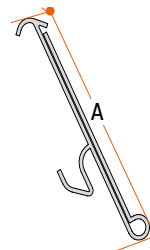
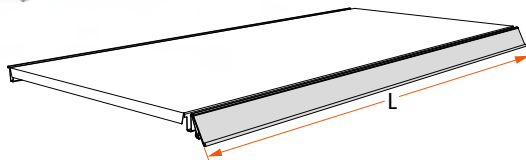
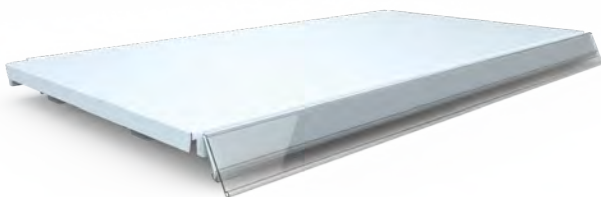
Gh	Lh-1000	Lh-1250	Lh-1330
270	NE-P00271000	NE-P00271250	NE-P00271330
370	NE-P00371000	NE-P00371250	NE-P00371330
470	NE-P00471000	NE-P00471250	NE-P00471330
570	NE-P00571000	NE-P00571250	NE-P00571330
670	NE-P00671000	NE-P00671250	NE-P00671330



Gh	Alternative configuration (standard shelf + extension shelf set)		
770	NE-P0057	+	NE-P43 G-210
870	NE-P0067	+	NE-P43 G-210

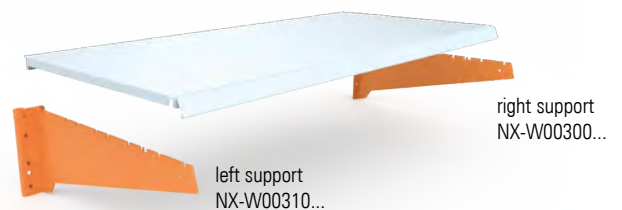
\*GH 770 AND 870 SHELVES ARE MADE USING THE NE-P43 EXTENSION SHELF

## PRICE BAR FOR SHELVES



A	L [mm]	Code
39	990	ME-C00101000
	1240	ME-C00101250
	1320	ME-C00101330
52	990	ME-C001501000

## SIDE SHELF FOR THE RACK



Frame		Shelf		Left support	Right support
Gh	Gz [mm]	Gh	Code	Code	Code
950	934	470	NE-P00470930	NX-W00310470	NX-W00300470
		570	NE-P00570930	NX-W00310570	NX-W00300570
		670	NE-P00670930	NX-W00310670	NX-W00300670
1150	1134	470	NE-P00471130	NX-W00310470	NX-W00300470
		570	NE-P00571130	NX-W00310570	NX-W00300570
1350	1334	670	NE-P00671130	NX-W00310670	NX-W00300670
		470	NE-P00471330	NX-W00310470	NX-W00300470
		570	NE-P00571330	NX-W00310570	NX-W00300570
		670	NE-P00671330	NX-W00310670	NX-W00300670

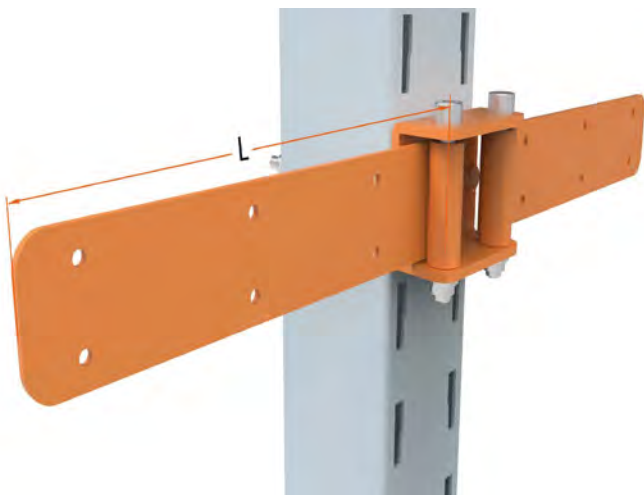
## HINGES FOR BOARD MOUNTING



EXTREME HINGE

L [mm]	Code
200	NX-A01875200

## HINGES FOR BOARD MOUNTING



MIDDLE HINGE

L [mm]	Code
200	NX-A01885200

## PERFORATED DOOR LEFT/RIGHT H-1000 WITH MAGNETIC HOLDER



PERFORATED DOOR  
LEFT/RIGHT H - 1000

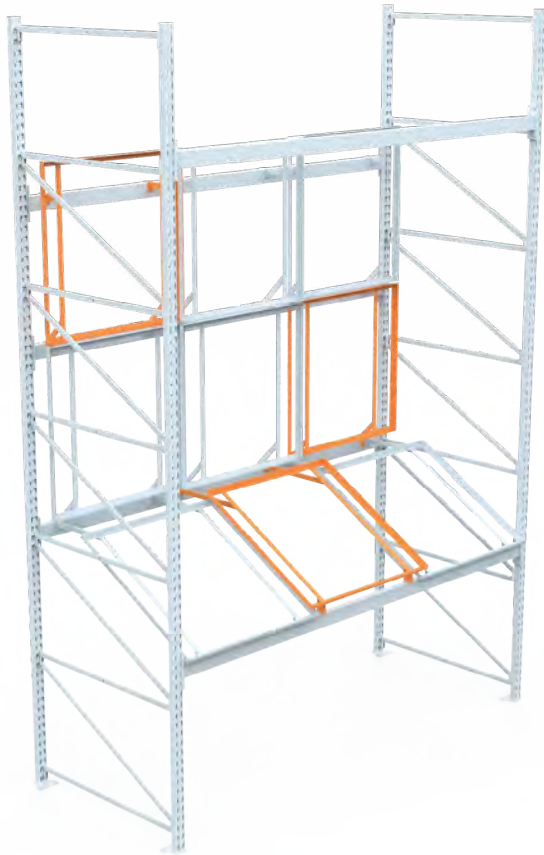
Retail length Lh	Code
1250	NX-A02051250
1330	NX-A02051330
2000	NX-A02052000
2500	NX-A02052500
2660	NX-A02052660
2730	NX-A02052730
3000	NX-A02053000

## DOUBLE HINGE



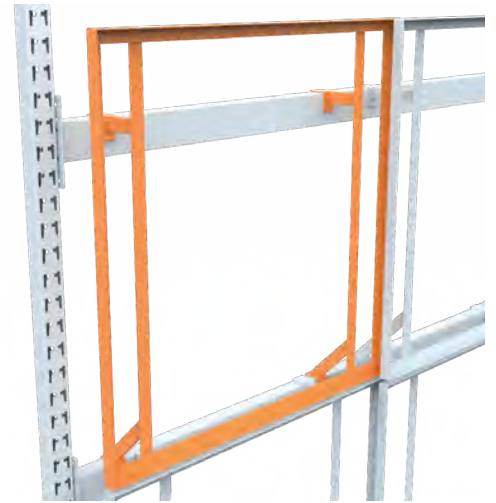
Code
NX-A02075540

TILE DISPLAY FOR 40 MM BEAM ON FRAME GH-1150



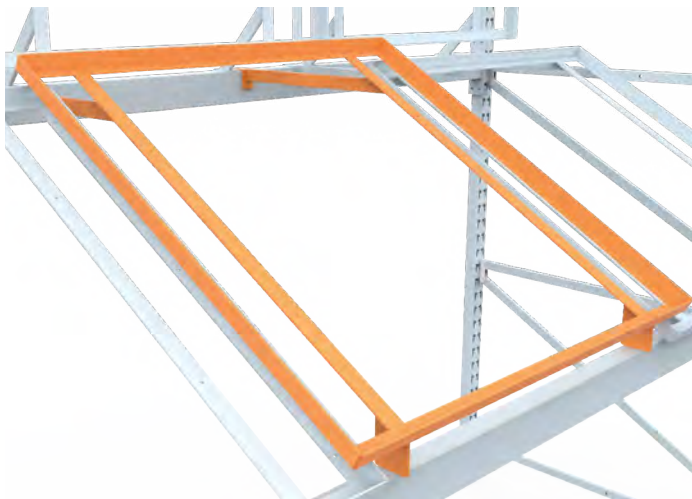
VERTICAL DISPLAY [TOP]

L / h [mm]	Code
910 / 910	NX-A20290910
	NX-A20300910



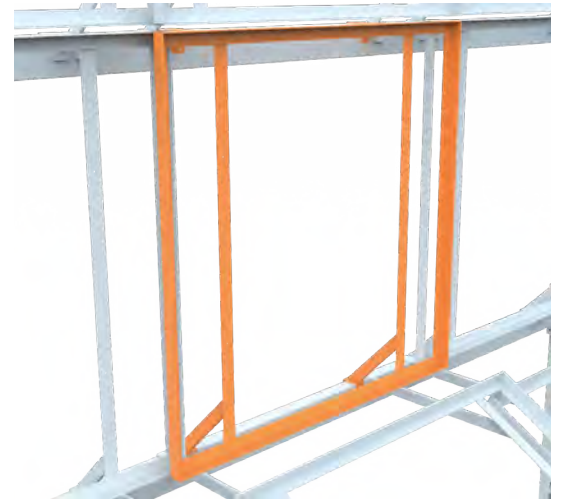
INCLINED DISPLAY

L / h [mm]	Code
910 / 910	NX-A20251150
	NX-A20261150

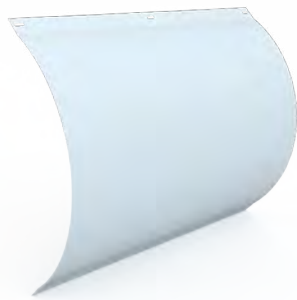


VERTICAL DISPLAY [BOTTOM]

L / h [mm]	Code
910 / 910	NX-A20270910
	NX-A20280910

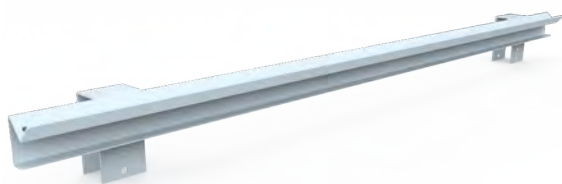


## DIY WALLPAPER DISPLAY



SHEET METAL PANEL

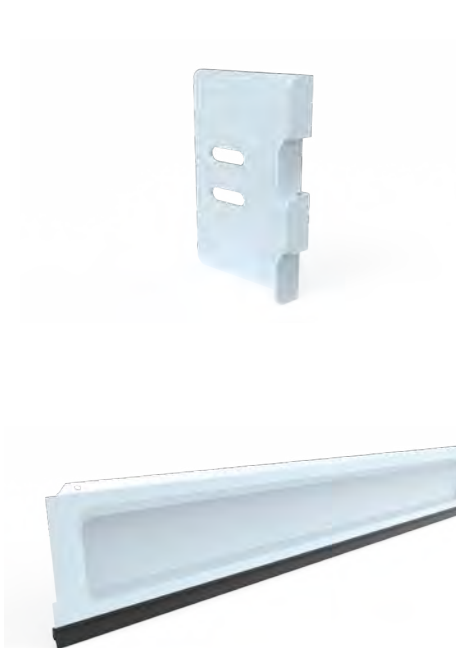
h [mm]	L [mm]	Code
514	499	NX-A00830499
	624	NX-A00830624
	665	NX-A00830665



BAR OF TIN PANELS FOR 40 BEAM

L [mm]	Code
958	NX-A00801000
1208	NX-A00801250
1290	NX-A00801330

**GUARD ADAPTER SCREWED  
TO THE BASE SHELF SUPPORT**



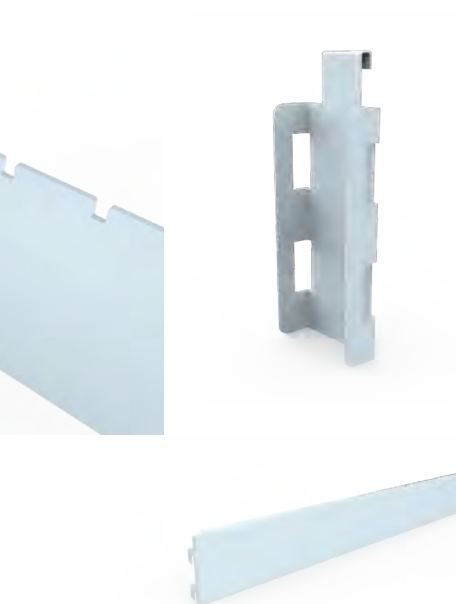
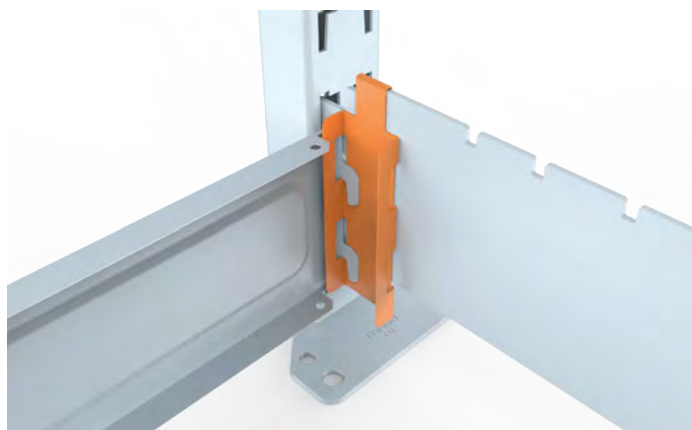
**BOTTOM GUARD HANDLE**

Description	Code
Bottom guard handle	NX-A20340100

**BOTTOM GUARD  
WITH GASKET H-150**

Lh	L [mm]	Code
1000	996	OS-D71151000
1250	1246	OS-D71151250
1330	1328	OS-D71151330

**GUARD ADAPTER SUSPENDED  
FROM THE BASE SHELF SUPPORT**



**BOTTOM GUARD HANDLE**

Description	Code
Bottom guard handle	NX-A012301000

**BOTTOM GUARD H-100**

Lh	L [mm]	Code
1000	991	OS-D16111000
1250	1241	OS-D16111250
1330	1323	OS-D16111330

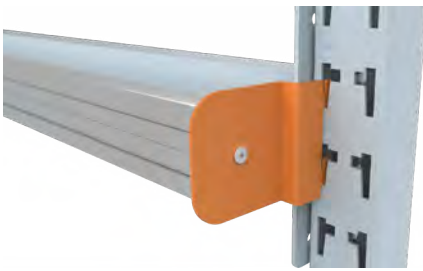


**BELLA LAMPS  
WITH 3 M CABLE**



Retail length Lh	Code	Description
1330	BELLA12942040V3D5	4000K
2000	BELLA19552040R7	4000K
2660	BELLA26282040V3D5	4000K

**HANDLES FOR FIXING BELLA LUMINAIRES**



NX-A000300



NX-A000400



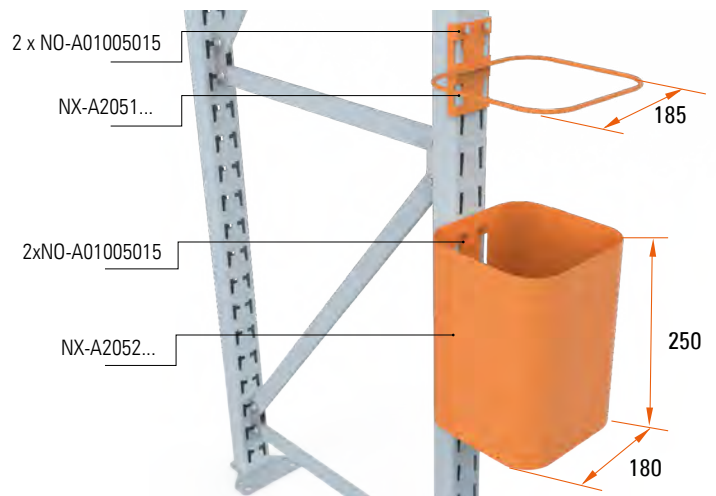
NX-A000700



**FRONT PERFORATION GUARD  
- INSERTED**



**POST STAND FOR ACCESSORIES**



h [mm]	Code
H - (90 ~ 2700 $\varnothing$ 55x40)	NX-A02002...

Description	Code
Frame + Basket	NX-A20541855



**SMARTLINE**  
WINKELINTERIEUR

Imboslaan 130  
6951 KC Dieren

[info@smartline.sale](mailto:info@smartline.sale)  
[www.smartline.sale](http://www.smartline.sale)