

item number	A mm	H mm	thickness of metal sheet mm	🔥
<b>NIXKZN 50X62_IX</b>	62	50	0,8	🔥
<b>NIXKZN 50X125_IX</b>	125	50	0,8	🔥
<b>NIXKZN 50X250_IX</b>	250	50	0,8	🔥
<b>NIXKZN 100X125_IX</b>	125	100	0,8	🔥
<b>NIXKZN 100X250_IX</b>	250	100	0,8	🔥
<b>NIXKZN 100X500_IX</b>	500	100	1,0	🔥



**product description:** Cable tray is designed to create a cable route.  
The joining of the trays is performed by using of the couplings NIXS and by the bolts NIXSM 6X10.  
The tray is connected to the accessory directly, with no couplings; the tray is inserted into the accessory. Fasten using NIXSM 6X10 bolts.

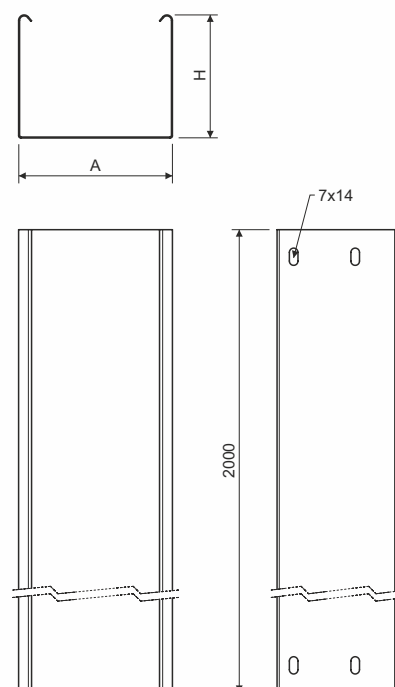
**material:** IX - stainless steel AISI 304  
(AISI 316, AISI 316L only to order)

**sales amount:** á 2 m

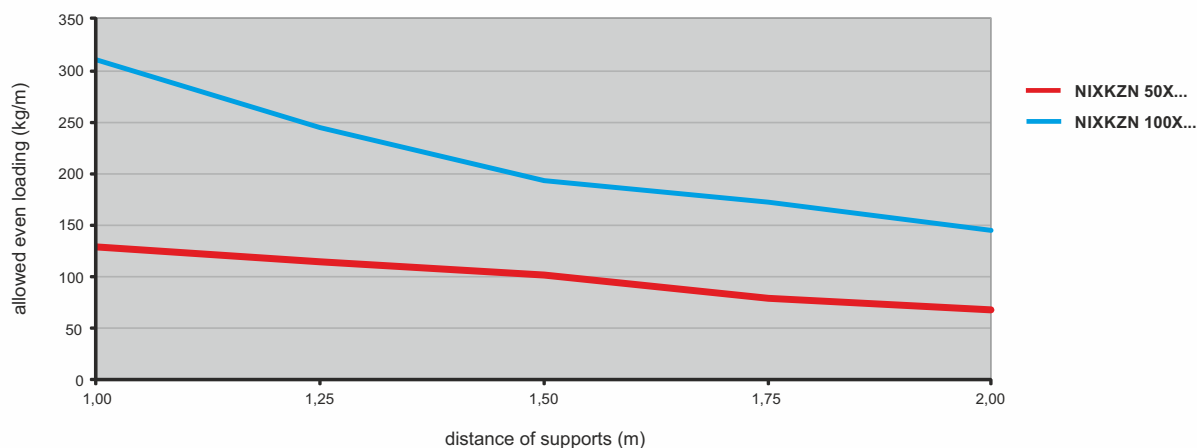
**meets the requirements:** EN 61537:02

**classification 🔥:** ČSN 73 0895 P 90-R  
DIN 4102-12 E 90  
STN 92 0205 PS 90  
Fire classification is depend on the specific conditions of the cable tray, detailed in the catalog Systems with maintained functionality in fire

**storage:** EN 60721-3-1



The graph shows the maximum allowed even loading of the tray in relation to the distances of the supports.



inner usable cross-section of the channel

<b>NIXKZN</b>		<b>50X62</b>	<b>50X125</b>	<b>50X250</b>	<b>100X125</b>	<b>100X250</b>	<b>100X500</b>
cross-section (cm <sup>2</sup> )		31	62,5	125	125	250	500
CYKY 3X1,5	Ø8,6	21	42	85	85	169	338
CYKY 5X1,5	Ø10,1	15	31	61	61	123	245
CYKY 3X2,5	Ø9,5	17	35	69	69	139	277
CYKY 5X2,5	Ø11,2	12	25	50	50	100	199
CYKY 3X4	Ø11,2	12	25	50	50	100	199
CYKY 5X4	Ø13,8	8	16	33	33	66	131
CYKY 5X6	Ø15,1	7	14	27	27	55	110
CYKY 5X10	Ø18	5	10	19	19	39	77
CYKY 5X16	Ø20,4	4	8	15	15	30	60
CYKY 5X25	Ø26,1	2	5	9	9	18	37
CYKY 4X35	Ø24,8	3	5	10	10	20	41
CYKY 4X50	Ø31,3	2	3	6	6	13	26
CYKY 3X70+50	Ø33,6	1	3	6	6	11	22
CYKY 3X95+70	Ø39,3	1	2	4	4	8	16
CYKY 3X120+95	Ø43	1	2	3	3	7	14
CYKY 3X240+120	Ø56,4	0	0	0	2	4	8

The values state the number of cables with the tray at 50% full. Orientation diameters of the cables CYKY.

The values are mathematically calculated. The limit values (small tray x big cable or contrariwise) it is necessary to consider combination of the tray and diameter of the cable and used them with reference to technical conditions.

**WARNING****Risk of injury from cutting**

Although the cable trays are produced with maximum effort to minimize sharper edges, it is necessary to wear protective gloves to carry, grip and work with cable elements.

**Risk of system collapse**

It is essential to strictly adhere to the maximum load limits for individual cable support systems and ensure proper installation according to the installation manual. The load capacity charts for each system are provided in the manufacturer's catalog, available in printed form or on the manufacturer's website. The specified load limits do not account for any additional loads, such as snow, wind, or seismic forces.

**Electricity injury**

As individual components of cable management systems are made of electrical conductive material, it is essential not to work with a system near live electrical parts. Infringement of the safety regulations may cause serious injury of health or death.

**Safe Use**

Under normal and foreseeable conditions of use, there are no risks to consumers, provided that proper installation and usage are carried out in accordance with the installation manual.

recycling codes:



NIXKZN