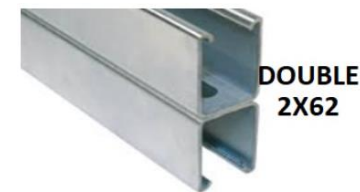


MONTAGERAIL 41x124x2.5 (2*41/62) VOOR BEUGELS EN KANALEN STRUT MONTAGERAIL VERZINKT



STRUT 41x124x2.5

Description:

Fixing rail ST is used for the fixing of pipe and air conditioning distribution systems and electric paths.

Fixing rail ST (STRUT) differs in the profile incurvation and toothed edges which enable bigger load of the rail.

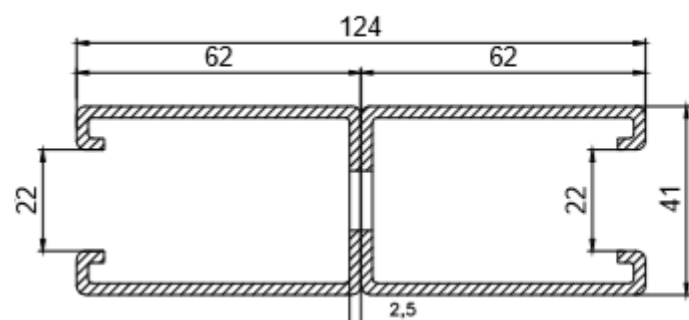
Material :

Zinc plated – DX51D

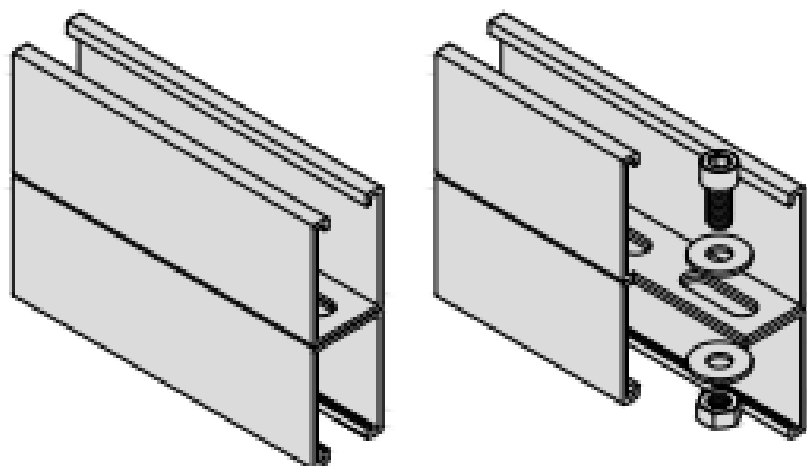
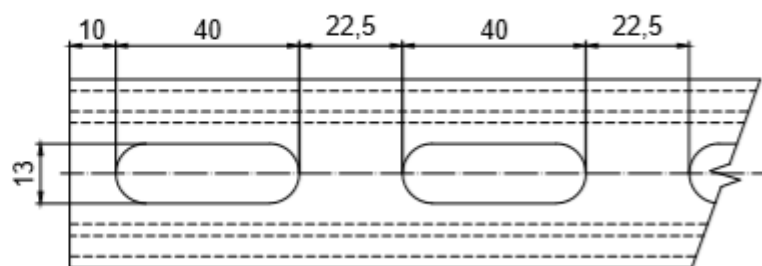
Supply No.	Name	Lenght L (mm)	Type	Thickness T (mm)	Package (pcs)
32736165	Nosník ST 41/124 6000mm 2,5 (bolted)	6000	2*41/62	2,5	1

CROSS REFERENCE TABEL :

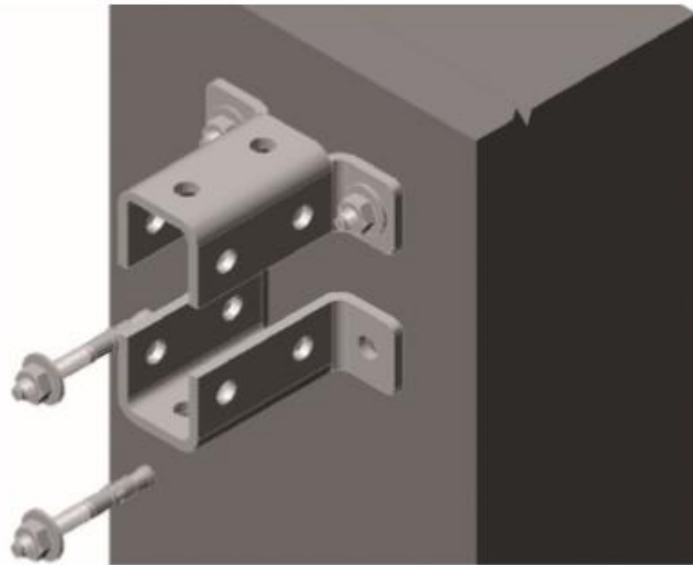
Konarik Partnr.	WT ARTIKELNUMMER					Inhoud					
	Industrial pack Fabric pack	WT system Retail pack	WT system Small pack			I-pack/pcs Pack Carton		R-pack/pcs Pack Carton		S-pack/pcs Pack Carton	
32736165	IRVSIZ6-41906000-001	x	x			1	10				



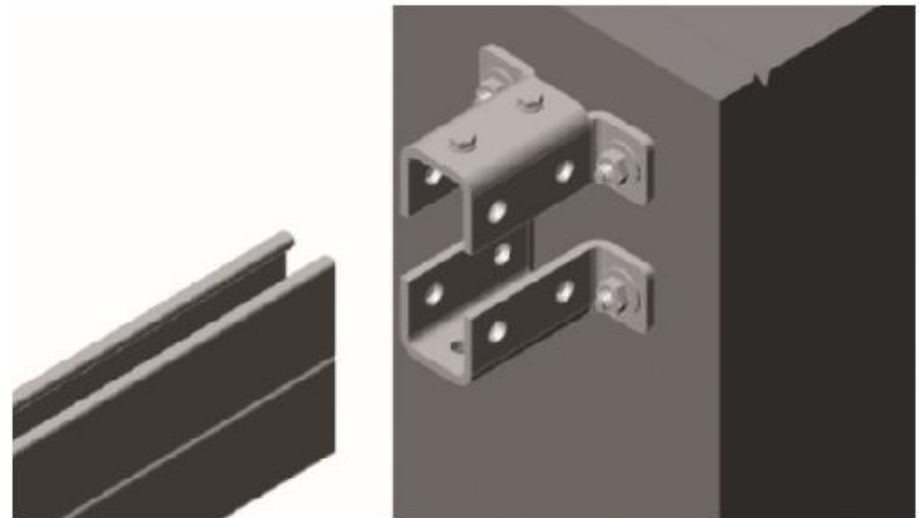
2x41x62x2,5mm



HOW TO USE :



1



2



3

4

Technické údaje nosníku / Technical data of fixing rail:

Moment setrvačnosti kolem hlavní osy y:

Area Moment of Inertia to axis y:

Moment setrvačnosti kolem hlavní osy z:

Area Moment of Inertia to axis z:

Modul průřezu k hlavní ose y:

Section modulus to axis y:

Modul průřezu k hlavní ose z:

Section modulus to axis z:

Modul pružnosti:

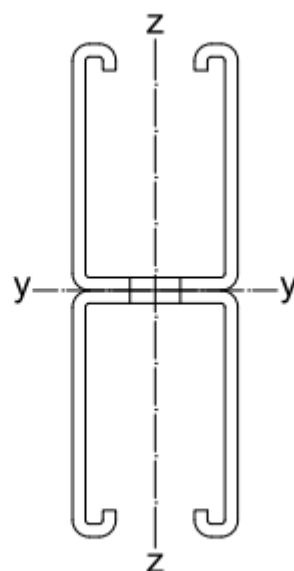
Modulus of elasticity:

Mez kluzu:

Yield strength:

Mez pevnosti:

Tensile strength:



$$I_y = 109,70 \text{ cm}^4$$

$$I_z = 25,99 \text{ cm}^4$$

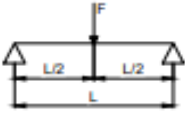
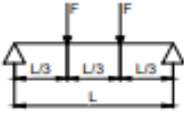
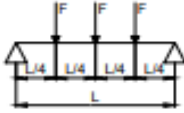
$$W_y = 17,69 \text{ cm}^3$$

$$W_z = 12,67 \text{ cm}^3$$

$$E = 210\,000 \text{ MPa}$$

$$f_{yb} = 140 \text{ MPa}$$

$$f_u = 270 \text{ MPa}$$

Délka Length L (mm)	Zatížení na 1 bod Load at 1 point F (kN)	Rovnoměrné zatížení na 2 body Equal concentrated loads at 2 points F (kN)	Rovnoměrné zatížení na 3 body Equal concentrated loads at 3 points F (kN)	Rovnoměrné zatížení Uniform load F (kN)
				
200	29,35	22,01	14,67	58,70
300	19,56	14,67	9,78	39,12
400	14,66	10,99	7,33	29,32
500	11,72	8,79	5,86	23,45
600	9,76	7,32	4,88	19,52
700	8,36	6,27	4,18	16,72
800	7,31	5,48	3,65	14,62
900	6,49	4,86	3,24	12,98
1000	5,83	4,37	2,91	11,67
1100	5,29	3,97	2,64	10,59
1200	4,85	3,63	2,42	9,70
1300	4,47	3,35	2,23	8,94
1400	4,14	3,10	2,07	8,28
1500	3,86	2,89	1,93	7,72
1600	3,61	2,70	1,80	7,22
1700	3,39	2,54	1,69	6,78
1800	3,19	2,39	1,59	6,39
1900	3,02	2,26	1,51	6,04
2000	2,86	2,14	1,43	5,73
2250	2,53	1,89	1,26	5,06
2500	2,26	1,69	1,13	4,52
2750	2,03	1,52	1,01	4,07
3000	1,85	1,38	0,92	3,70
3250	1,69	1,26	0,84	3,38
3500	1,55	1,16	0,77	3,10
3750	1,43	1,07	0,71	2,86
4000	1,32	0,99	0,66	2,65
4250	1,23	0,92	0,61	2,46
4500	1,14	0,85	0,57	2,29
4750	1,06	0,80	0,53	2,13
5000	0,99	0,74	0,49	1,99
5250	0,93	0,70	0,46	1,86
5500	0,87	0,65	0,43	1,74
5750	0,81	0,61	0,40	1,63
6000	0,76	0,57	0,38	1,53

Hodnoty jsou uvedeny dle platné normy ČSN EN 1993-1-3 v platném znění. Vlastní váha nosníku byla zahrnuta ve výpočtu. Maximální dovolený průhyb profilu L/200. Statické tabulky slouží jako pomůcka a nenahrazují statické posouzení k tomu způsobilým osobám.

Values are given in accordance with valid standards ČSN EN 1993-1-3. The weight of the profile was included in the calculation. Maximum allowable deflection of profile L/200. Static table serves as a guide and not a substitute for static assessment of authorized person.