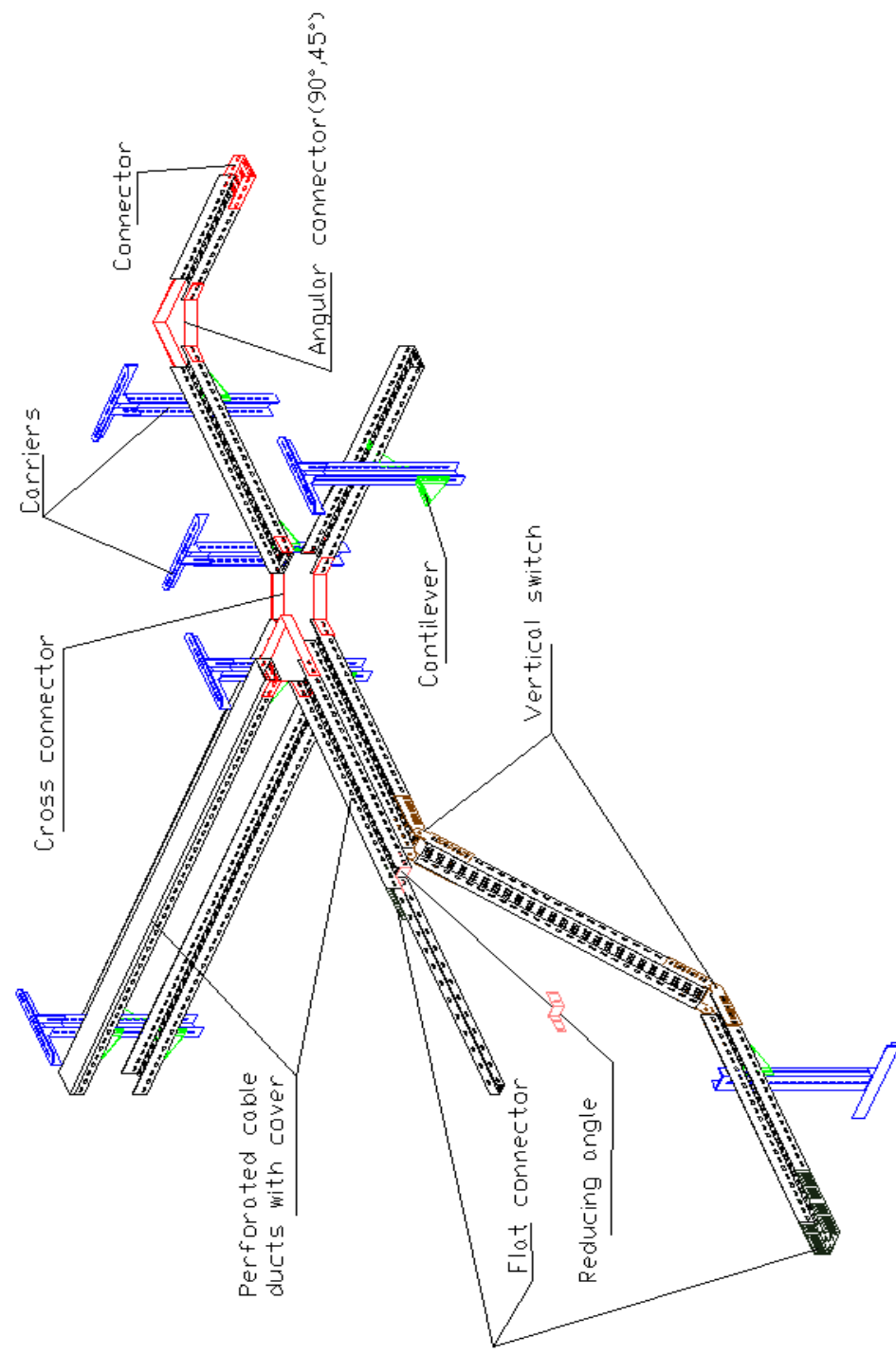




CATALOG 2015





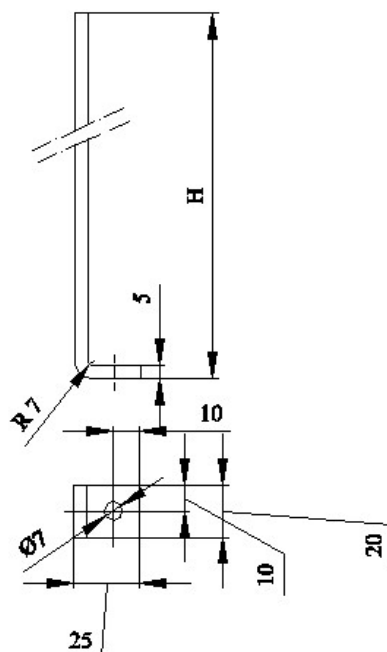
INDEX

1. Chassis for hydraulic pipes (Drw.No.: [70213](#))
2. Runs on shock absorbers (Drw.No.: [70419](#))
3. Cable runs, arcs, subgrade and junction trails (Drw.No.: [63303](#); [63305](#); [63320](#); [63321](#); [63346](#); [70983](#); [70984](#); [70988](#))
4. Cable carrier (Drw.No.: [70987](#); [70999](#))
5. Cable passing (Drw.No.: [4144](#); [4146](#); [5590](#); [9632](#); [70304](#); [70462](#); [70463](#);))
6. Chassis for cable truck (Drw.No.: [4952](#); [60222](#))
7. Cable carrier (Drw.No.: [63419](#); [70911](#))
8. Carriers (Drw.No.: [3327](#); [6952](#); [63318](#); [70985](#))

Cable fixing are not shown in the draft. It is performed with lining (Drw.No.:[6367](#)), clip with screw (Drw.No.:[6368](#)), buckles (Drw.No.:[6369](#)) and tape (Drw.No.:[6372](#)).

Other things we can supply:

- Ventilation gratings with slide (Drw.No.:[NR0000](#)).
- Perforated cable ducts with and without cover (Drw.No.:[PKK0000](#)).
- Everything needed for a mounting of perforated cable ducts (carriers, cantilever, flat connectors, vertical switches, horizontal switches, etc.).
- Ventilation and air conditioning lines.



Example of labeling for carrier nominal dimension H=100, material AISI316
 Drw. No. : 3327 - H=100, AISI316 / n pcs

Nominal dimension H - mm	Developed length mm	Weight ≈ kg	Material : S275JR , AISI 304 or AISI 316
25	45	0,035	
50	70	0,054	
75	95	0,074	
100	120	0,09	
150	170	0,132	
200	220	0,171	
250	270	0,210	
300	320	0,3	
350	370	0,288	
400	420	0,330	

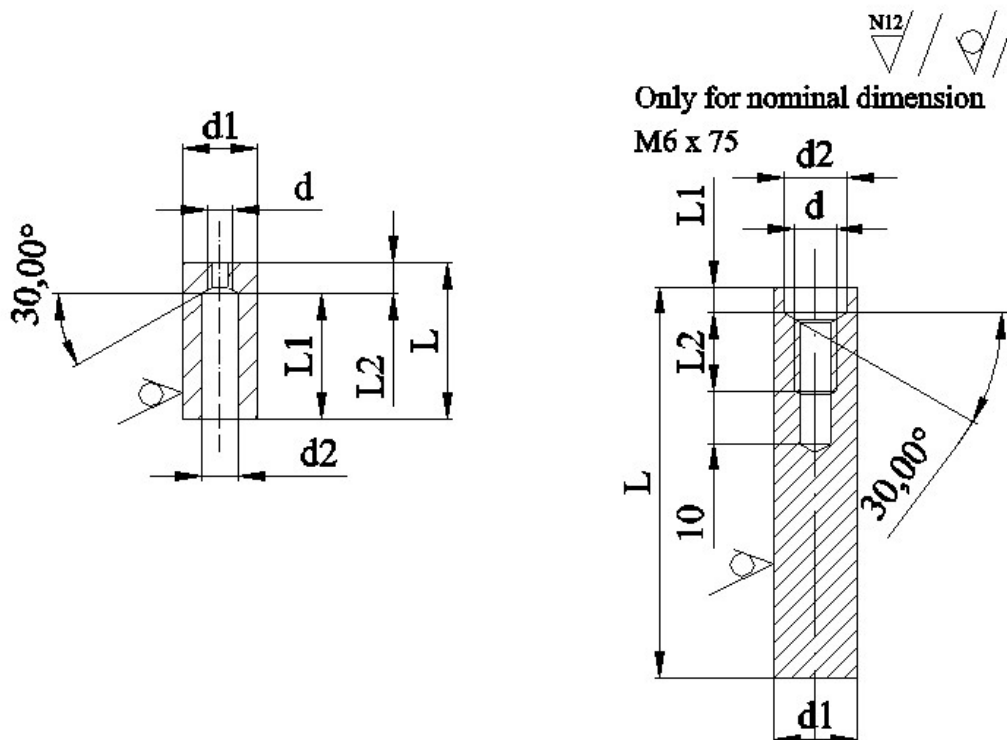


Material code 185
 Tel: +3633370077
 Fax: +3633370023
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Pad

Drw. no.: 3651

Page: 1/1

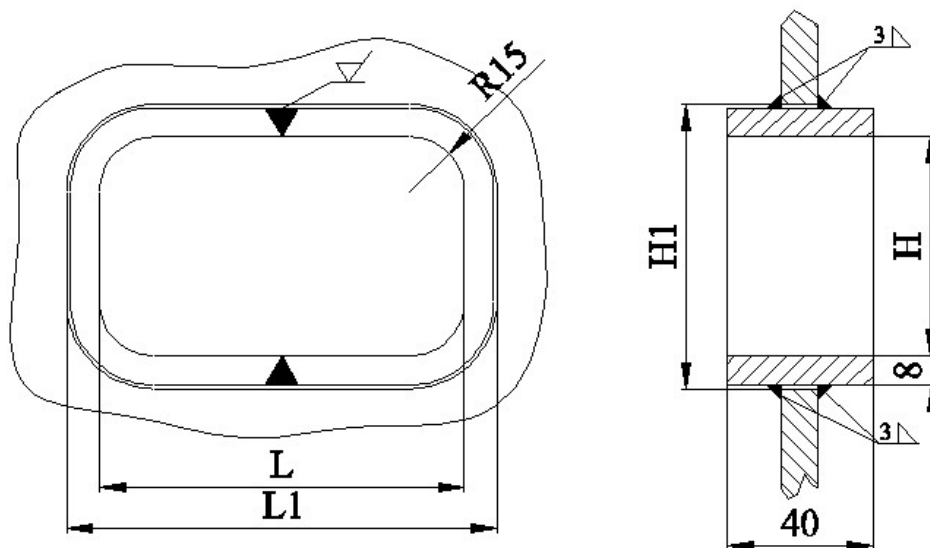


Example of labeling for PAD nominal dimension d=M8 and L=53

Drw. No.: 3651 - M8 x 53, material, /n pcs

Nominal dimension		L1	L2	d1	d2	weight	ckg/pcs
d	L						
M4	10	5		12	6	0,007	
	15	10				0,010	
	20	15	5			0,014	
	25	20				0,017	
	—	—	—			—	
M5	10	4		16	7	0,014	
	15	9				0,020	
	20	14	6			0,027	
	25	19				0,034	
	—	—	—			—	
M6	10	5		20	8	0,013	
	15	8				0,019	
	20	13	7			0,026	
	25	18				0,033	
	—	—	—			0,150	
M8	15	6		25	10	0,031	
	20	11	9			0,041	
	25	16				0,052	
	30	21	10			0,110	
	—	—	—			—	
M10	15	4		30	12	0,048	
	20	8				0,065	
	25	14	11			0,081	
	30	19				0,097	
	35	24				0,113	
M12	20	7		30	15	0,260	
	25	12	13			0,0093	
	30	17				0,0120	
	35	22	25			0,0180	
	—	—	—			0,389	

Material : S275JR ; AISI 304 or AISI 316



Example of labeling for protective ring length L=200 and high H=100

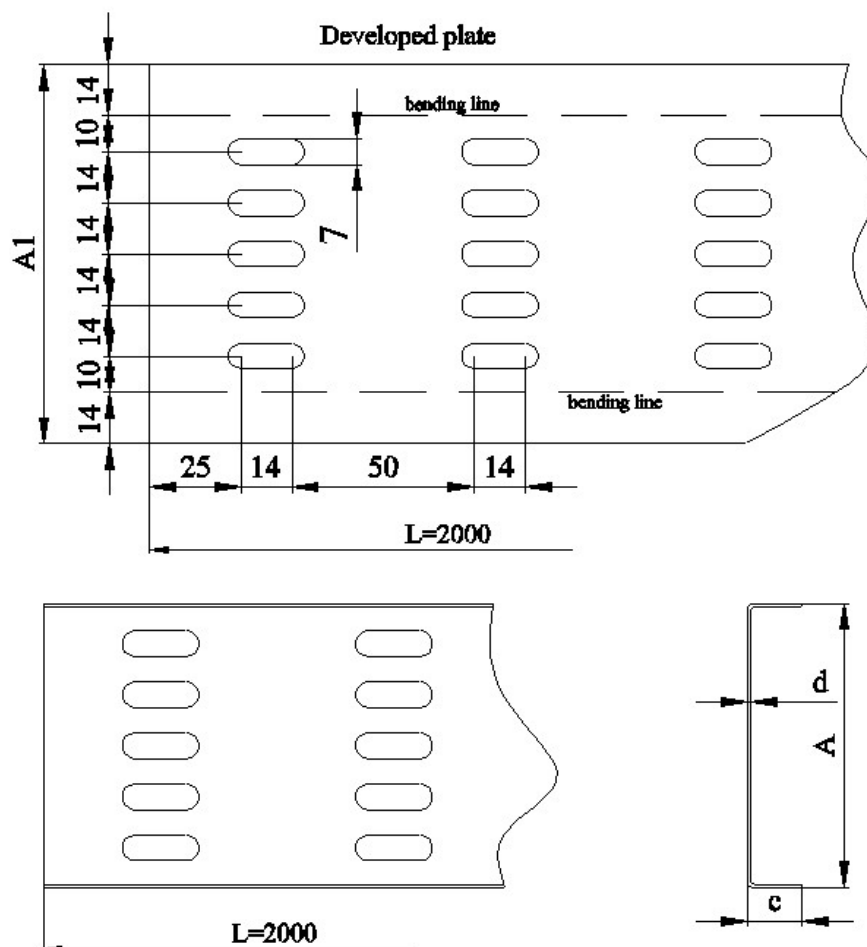
Drw.No.: 4144 - 200 x 100 /n pcs

Nominal Dimension L x H		Developed length of the ring m	Hole in sheet L1 H1		Weight =kg	Nominal Dimension L x H		Developed length of the ring m	Hole in sheet L1 H1		Weight =kg
100	40	280	118	58	0,7	600	40	1280	618	58	2,82
	60	320		78	0,8		60	1320		78	2,90
	40	380		58	0,95		100	1400		118	3,08
150	60	420	168	78	1,05		140	1480		158	3,26
	100	500		118	1,25		200	1600		218	3,52
	140	580		158	1,45	700	40	1480	718	58	3,26
200	40	480	218	58	1,2		60	1520		78	3,34
	60	520		78	1,3		100	1600		118	3,52
	100	600		118	1,5		140	1680		158	3,70
250	140	680	268	158	1,7		200	1800	818	218	3,96
	40	580		58	1,45	800	40	1680		58	3,70
	60	620		78	1,55		60	1720		78	3,78
300	100	700	318	118	1,75		100	1800		118	3,96
	140	780		158	1,95		140	1880		158	4,15
	40	680		58	1,7	900	200	2000	918	218	4,40
400	60	720	418	78	1,8		40	1880		58	4,15
	100	800		118	2,0		60	1920		78	4,22
	140	880		158	2,2		100	2000		118	4,40
500	40	880	518	58	2,2		140	2080	1018	158	4,57
	60	920		78	2,3	1000	200	2200		218	4,83
	100	1000		118	2,5		40	2080		58	4,57
	140	1080		158	2,7		60	2120		78	4,65
	200	1200		218	3,0		100	2200		118	5,30
	40	1080		58	2,7		140	2280		158	5,02
	60	1120		78	2,8		200	2400		218	5,28
	100	1200		118	3,0						
	140	1280		158	3,2						
	200	1400		218	3,5						

Material: flat steel 40 x 8 S275JR



Material: S275JR

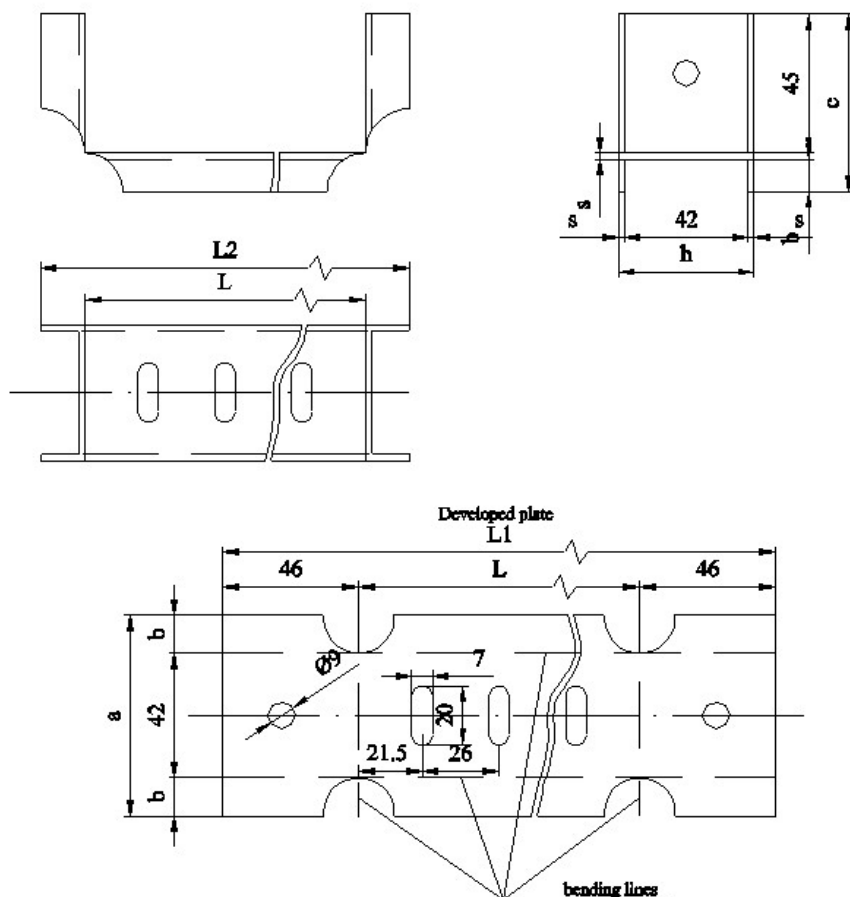


Example of labeling for perforated chasis with
 nominal dimension H=150 and material AISI304 :

Drw.No.: 4952 - 150 , AISI304 /n pcs

Nominal dimension H - mm	A	A1	d	e	Number of holes in a row across the width	Weight ≈kg
50	49	76	1	14,5	3	1,10
80	77	104			5	1,35
100	105	132			7	1,76
150	161	188			11	2,28
200	203,5	230	1,5	15	14	4,6
250	245,5	272			17	4,85
300	301,5	328			21	5,80

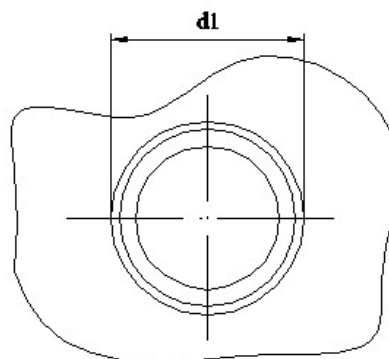
Material: Galvanized sheet DX51D+Z275 ; S275JR ; AISI304 or AISI316



Example of labeling for cable shelf with nominal dimension 400 and material AISI304
 Drw. No.: 4954 - 400 AISI304 /n pcs

Nominal dimension	s	a	b	c	h	L	L1	L2	Number of hole		Weight kg
									oval	circles	
100	2	68	13	60	46	95	187	121	3	2	0,18
150						147	239	173	5		0,235
200						199	291	225	7		0,275
250						251	343	277	9		0,335
300						303	395	329	11		0,375
400						407	499	433	15		0,480
500						511	603	537	19		0,580
600	3	78	18	66	48	615	707	651	23		1,180
700						693	785	729	26		1,285
800						797	889	833	30		1,460
900						901	993	937			
1000						1005	1097	1041	38		1,805
1100						1109	1201	1145			
1200						1187	1279	1223			

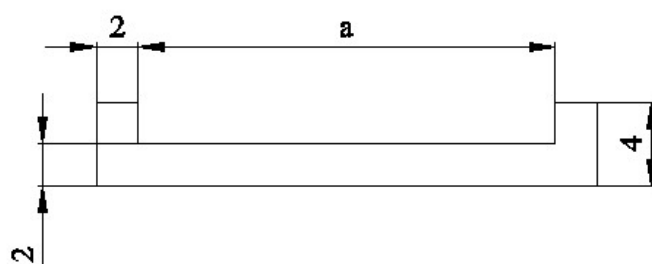
Material: galvanised plate DX51D+Z275 ; S275JR ; AISI304 or AISI316



Drw.No.: 5590 -Type 0 - 65 x 1200 / n pcs

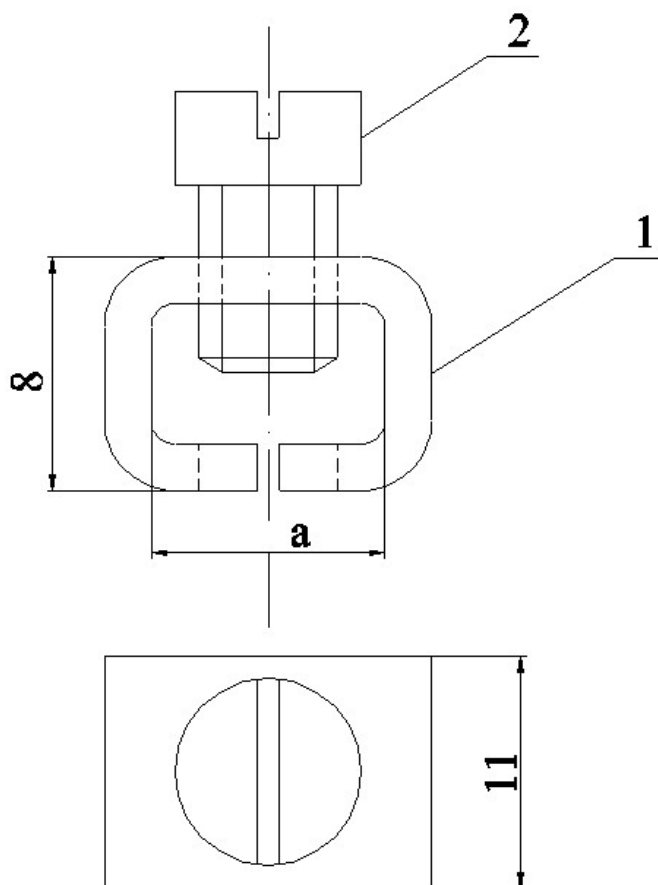
Nominal dimension DN		r	Seamless steel pipe HRN EN 10223 d x s x L		Weight -kg	Hole in the plate	Nominal dimension L		r	Seamless steel plate HRN EN 10223 d x s x L		Weight -kg	Hole in the plate
1 pos			1 pos										
32	100	4,0	42,4x4,0x	100	0,38	44	65	100	5,0	76,1x5,0x	100	0,87	78
	200			200	0,78			200			1,75		
	300			300	1,14			300			2,6		
	400			400	1,52			400			3,5		
	600			600	2,28			600			5,26		
	800			800	3,04			800			7		
	1000			1000	3,81			1000			8,77		
	1200			1200	4,5			1200			10,5		
	1400			1400	5,3			1400			12,3		
1600	1600	6	1600	14									
40	100	4,0	48,3x4,5x	100	0,5	50	100	100	6,3	114,3x6,3x	100	1,7	116
	200			200	0,96			200			3,36		
	300			300	1,44			300			5,1		
	400			400	1,9			400			6,72		
	600			600	2,8			600			10		
	800			800	3,8			800			13,4		
	1000			1000	4,85			1000			16,8		
	1200			1200	5,81			1200			20,1		
	1400			1400	6,7			1400			23,5		
1600	1600	7,7	1600	26,9									
50	100	4,5	60,3x4,5x	100	0,6	62							
	200			200	1,2								
	300			300	1,8								
	400			400	2,4								
	600			600	3,7								
	800			800	4,9								
	1000			1000	6,2								
	1200			1200	7,4								
	1400			1400	8,6								
1600	1600	9,8											

Material: P235TR1



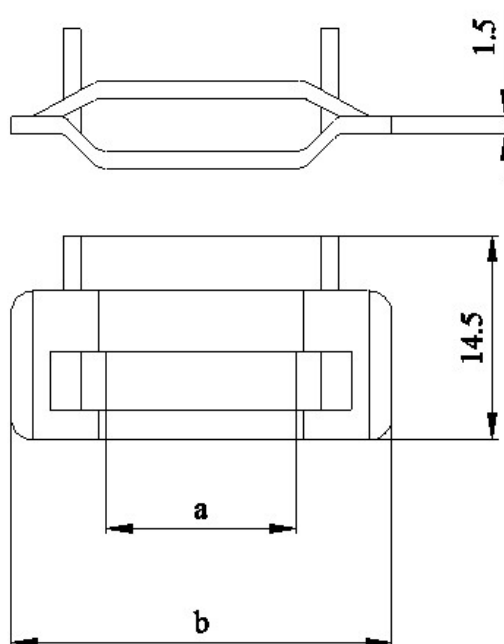
Example of labeling for lining with nominal dimension a=12
 Drw.No.:6367 - 12 / lenght (m)

Nominal dimension a	For tape	Weight ≈Kg/100m
12	3/8"	
18	5/8"	
20	3/4"	
Material: PVC		



1. Nominal dimension 3/8 inch (9,53 mm), a=10, weight=0,0101 kg, material S275JR galvanised after processing
 2. Screw M6x8 - galvanised

Example of labeling: Drw. No. : 6368 - 3/8" / n-pcs

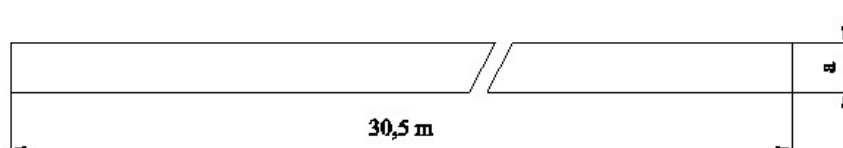


Example of labeling for buckle for tape 3/4":

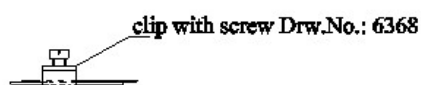
Drw.No.: 6369 - 3/4" - material / n pcs

Nominal dimension		a	b	Weight ≈Kg/100pcs
inch	mm			
3/8"	9,53	10	23	0,37
1/2"	12,7	13	26,5	0,7
5/8"	15,88	16	29,5	1,16
3/4"	19,05	20	32,5	1,59

Material: stainless steel



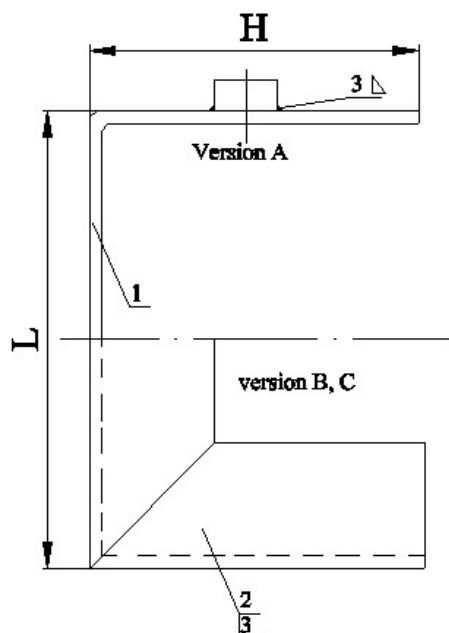
Conection example for tape 3 / 8"



Example of labeling for tape with a=5 / 8" and material AISI316:

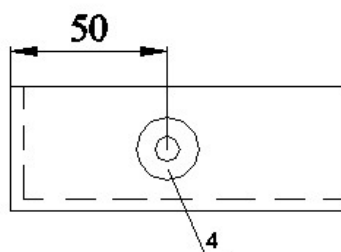
Drw.No.: 6372 - 5 / 8" , AISI316 /n pcs

nominal dimension		a	Tape thickness	Tape lenght m
Inch	mm			
3 / 8"	9,53	9,53	0.4 and 0.6	30.5
1 / 2"	12,7	12,7	0.4 and 0.6	
5 / 8"	15,9	15,9	0.4 and 0.6	
3 / 4"	19	19	0.4 and 0.6	
Material: AISI304 , AISI316 , AISI430				



version A: tape 40 x 4
version B: L 40 x 40 x 4
version C: L 50 x 50 x 5

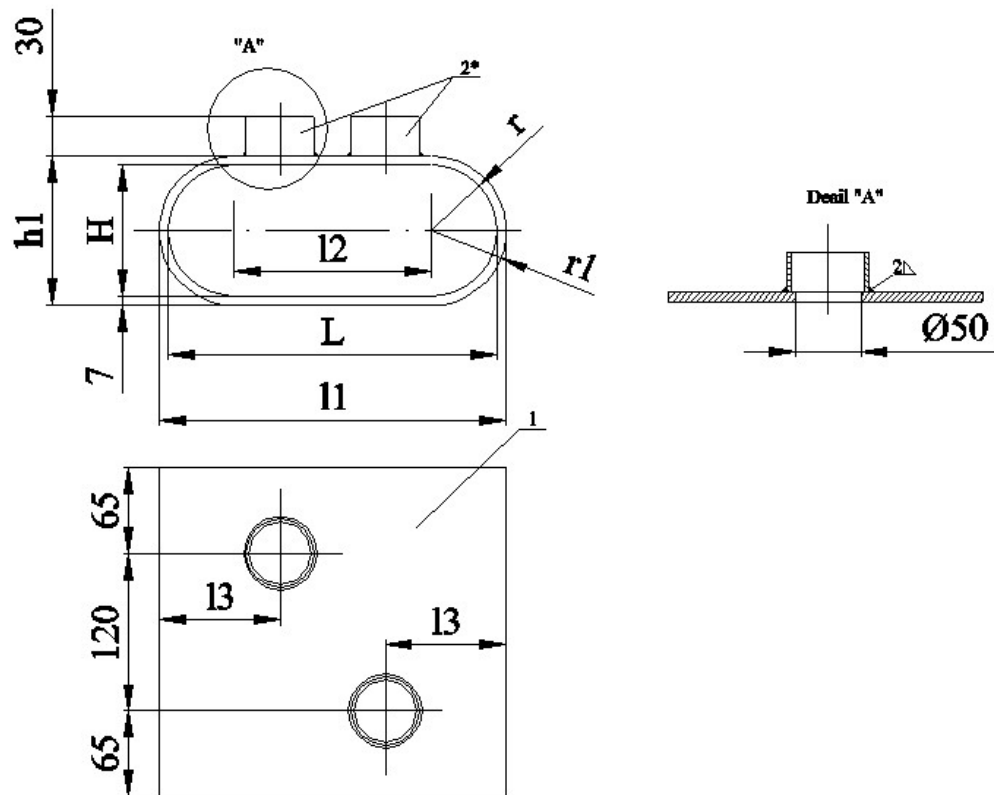
TYPE 1: without perforation
TYPE 2: with perforation



Example of labeling for carrier type2, version B L=500, H=250 ; Drw. No. : 6952 - 2B 500X250 - Material /n pcs

L	H								Variation	Weight		c%g
	100	Developed length of corridor L1 (m)				300	350	400		Type1	Type2	
		120	150	200	250							
100	0,3	0,34	0,4	0,5	0,6				A	1,315	1,122	
120	0,32	0,36	0,42	0,52	0,62							
150	0,33	0,39	0,45	0,55	0,65							
200	0,4	0,44	0,5	0,6	0,7							
250	0,43	0,49	0,55	0,65	0,73							
300	0,5	0,54	0,6	0,7	0,8	0,9	1	1,1	B	2,5	2,43	
350	0,53	0,59	0,65	0,75	0,85	0,95	1,05	1,15				
400	0,6	0,64	0,7	0,8	0,9	1	1,1	1,2				
450	0,63	0,69	0,75	0,85	0,95	1,05	1,15	1,25				
500	0,7	0,74	0,8	0,9	1	1,1	1,2	1,3				
550	0,73	0,79	0,85	0,95	1,05	1,13	1,23	1,33	C	3,81	3,7	
600	0,8	0,84	0,9	1	1,1	1,2	1,3	1,4				
650	0,85	0,89	0,95	1,05	1,15	1,25	1,35	1,45				
700	0,9	0,94	1	1,1	1,2	1,3	1,4	1,5				
750	0,95	0,99	1,05	1,15	1,25	1,35	1,45	1,55				
800	1	1,04	1,1	1,2	1,3	1,4	1,5	1,6	C	3,81	3,7	
850	1,05	1,09	1,15	1,25	1,35	1,45	1,55	1,65				
900	1,1	1,14	1,2	1,3	1,4	1,5	1,6	1,7				
950	1,15	1,19	1,25	1,35	1,45	1,55	1,65	1,75				
1000	1,2	1,24	1,3	1,4	1,5	1,6	1,7	1,8				
1050	1,23	1,29	1,35	1,45	1,55	1,65	1,75	1,85	C	3,81	3,7	
1100	1,3	1,34	1,4	1,5	1,6	1,7	1,8	1,9				
1150	1,35	1,39	1,45	1,55	1,65	1,75	1,85	1,95				
1200	1,4	1,44	1,5	1,6	1,7	1,8	1,9	2				
1250	1,45	1,49	1,55	1,65	1,75	1,85	1,95	2,05				
1300	1,5	1,54	1,6	1,7	1,8	1,9	2	2,1				

			mat.: S275JR, S275JR, galvanized			
4	shim Draw No. 3651	M6 x 15		1		
3	carrier (L)	50x50x5xL1		—	—	1
2	carrier (L)	40x40x4xL1		—	1	—
1	carrier	40x4xL1		1	—	—
Pos.	Name	Properties	A	B	C	



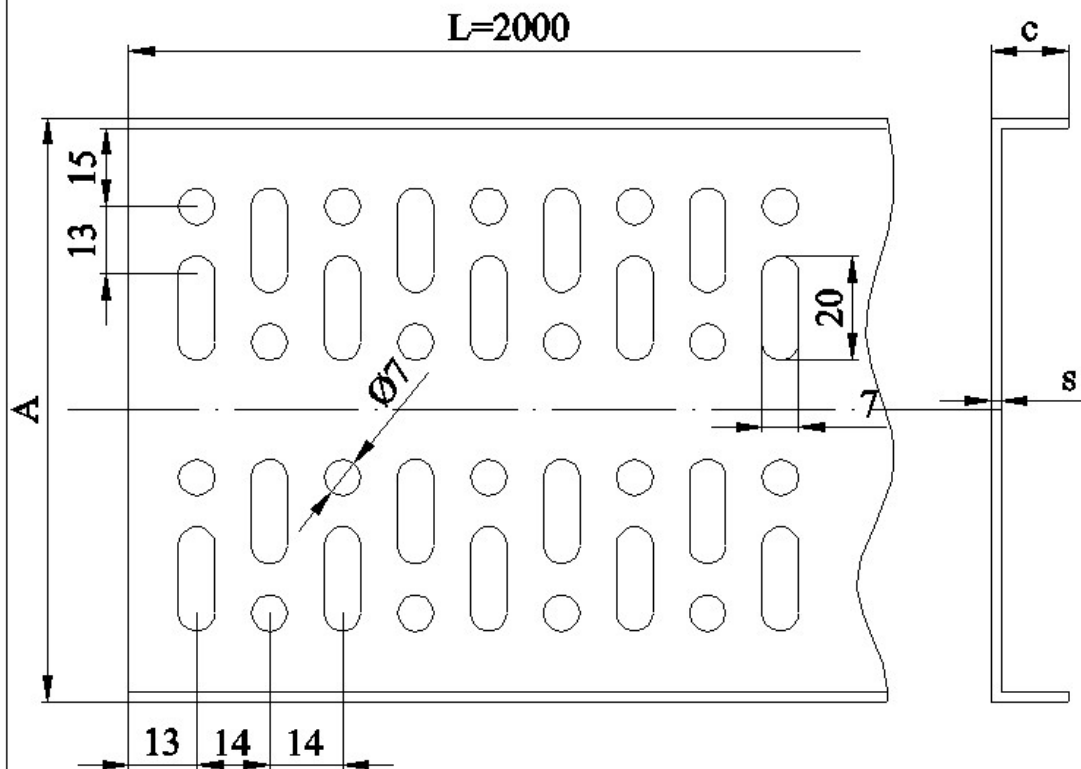
* Position 2- 1 piece welded before mounting the second one after mounting on the ship

for forming the passing see the Drw.No.:9630

Example of labeling for cable passing with nominal dimension L=200 and H=100

Cable passing Drw.No.:9632-200x100/n pcs

Nominal dimension L x H		h1	l1	l2	l3	r	r1	1 Plate HRN EN 10029 1 pos	2 Pipe HRN EN 10220 2 pos	sectional area F (mm²)	Weight = Kg
130	60	74	164	90	72	30	44	7x250x	60.3x2.9x30	82.3	5.73
	100	114		50	82	50	64			128.5	6.35
	60	74		140	72	30	44			112.3	7.11
200	100	114	214	100	92	50	64			178.5	7.75
	140	154		60	107	70	84			237.5	8.38
	60	74		190	72	30	44			142.3	8.31
250	100	114	264	130	92	50	64			228.5	9.15
	140	154		110	112	70	84			307.5	9.78
	60	74		240	72	30	44			172.5	9.91
300	100	114	314	200	92	50	64			278.5	10.35
	140	154		160	112	70	84			377.9	11.18
	60	74		250	72	30	44			202.3	11.51
350	100	114	364	250	92	50	64			328.5	11.95
	140	154		210	112	70	84			447.9	12.38
	60	74		340	72	30	44			232.3	12.71
400	100	114	414	300	92	50	64			378.5	13.35
	140	154		260	112	70	84			517.9	13.98
	60	74		390	72	30	44			282.3	14.11
450	100	114	464	350	92	50	64			428.5	14.75
	140	154		310	112	70	84			587.9	15.38
	60	74		440	72	30	44			292.3	15.51
500	100	114	514	400	92	50	64			478.5	16.15
	140	154		360	112	70	84			637.9	16.78
	Material									8275IR	P235TR1

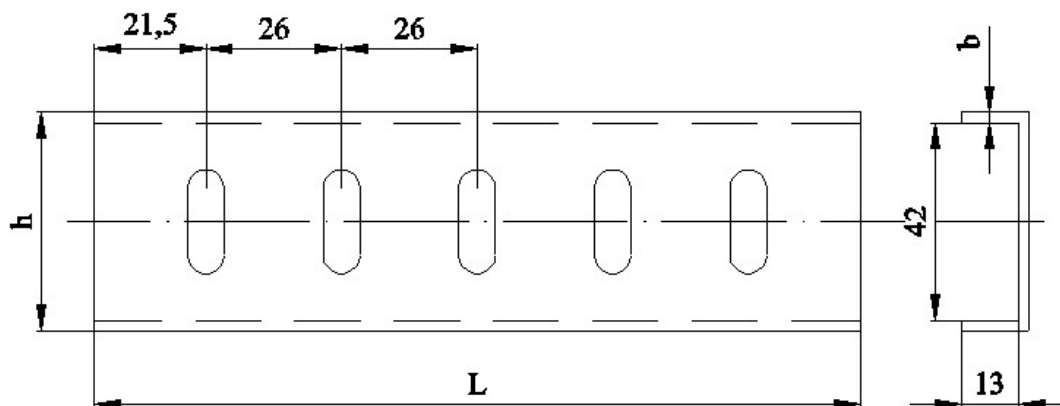


Example of labeling for perforated tracks with nominal dimension 200, material AISI316

Drw.No.:60222 -200x2000 / AISI316/ n-pcs

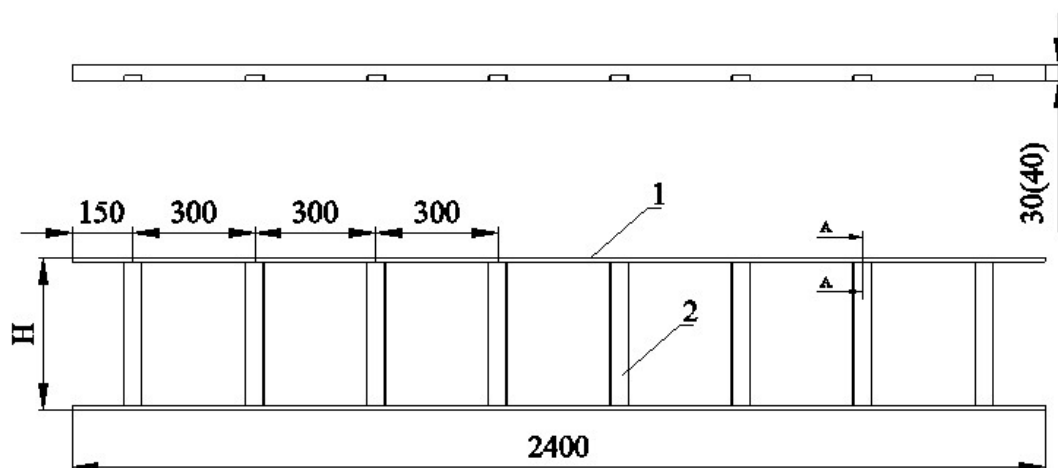
Nominal dimension	A	Developed lenght	s	c
50	58	86	1	15
80	84	112		
100	110	138		
150	162	190		
200	215	243	1.5	15.5
250	267	295		
300	318	347		

Material: Galvanized plate ; AISI304 ; AISI316

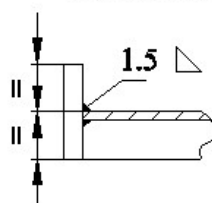


Example of labeling for shelf with nominal dimension 300; material AISI304:
 Drw.No.:63264 - 300 - AISI304 /n pcs

Nominal dimension	b	h	L	Number of holes	Weight ≈Kg/pcs
100	2	46	95	3	0,10
150			147	5	0,16
200			199	7	0,22
250			251	9	0,27
300			303	11	0,33
400			407	15	0,44
500			511	19	0,56
600	3	48	615	23	1,00
800			797	30	1,30
1000			1005	38	1,64
Material:Č.0145; Č.0361; AISI304; AISI316L; AL; Galvanized steel					



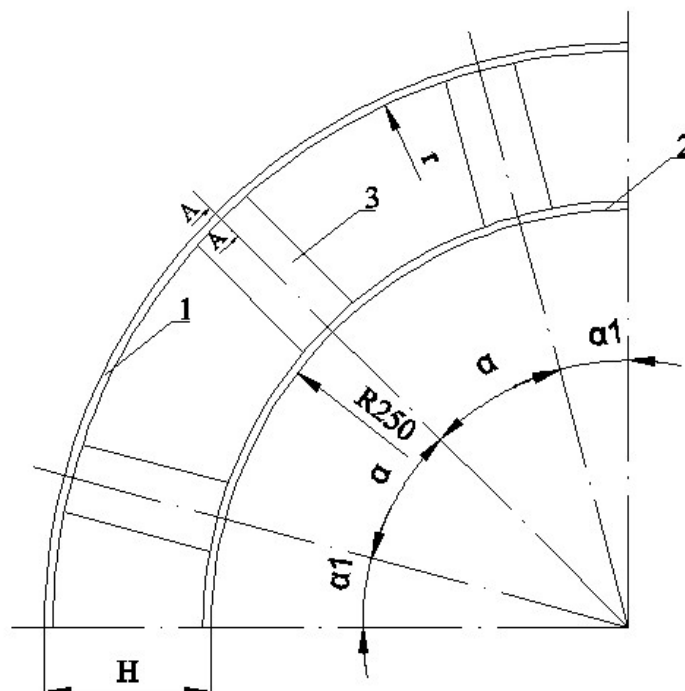
Section A-A



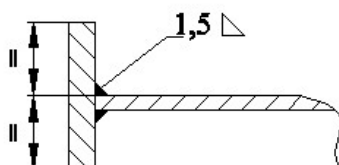
Example of labeling for subgrade with nominal dimension 500 and material AISI304
 Drw.No.:63303 - 500 - AISI304 / n pcs

Nominal dimension	h	1 Flat profile HRN C.B3.025	2 Shelf Drw.No.:63264	Weight ≈Kg
		2 pcs	8 pcs	
100	105	30 x 5 x 2400	100	6,55
150	157		150	6,97
200	209		200	7,4
250	261		250	7,81
300	313		300	8,23
400	417		400	9,07
500	521		500	9,92
600	625		600	13,21
800	807	40 x 5 x 2400	800	15,43
1000	1015		1000	18

Material: Č.0145; Č.0361; AISI304; AISI316; Al; Galvanized steel



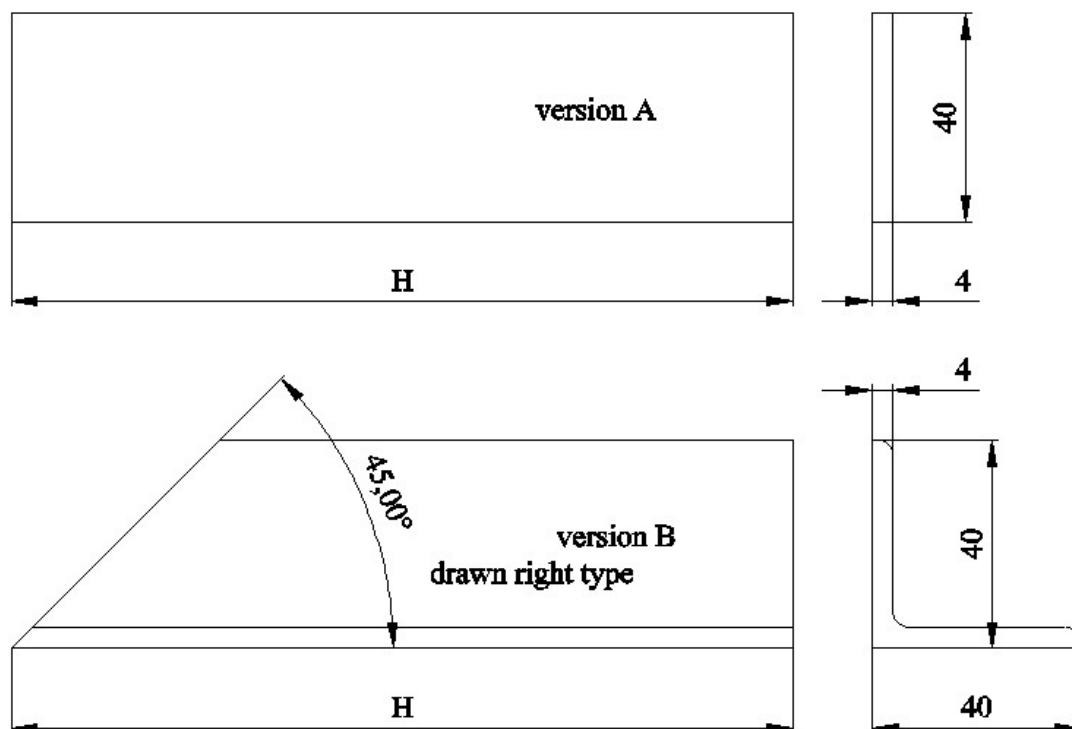
section "A-A"



Example of labeling for arc with nominal dimension 500

Drw.No.: 63305 - 500 / n pcs

Nominal dimension	r	h	α	α1	1 Flat profile HRN C.B3.025	2 Flat profile HRN C.B3.025	3 Shel Dwg.No..63264		Weight ≈Kg
					1 pcs	1 pcs		pcs	
100	390	105	30°	15°	30x5x	30x5x397	100	3	1,22
150	402	157					150		1,78
200	454	209					200		2,06
250	506	261					250		2,32
300	558	313					300		2,60
400	662	417					400		3,13
500	766	521	22°	12°	40x5x	40x5x397	500	4	4,26
600	870	625					600		6,02
800	1052	807					800		8,08
1000	1260	1015					1000		11,38



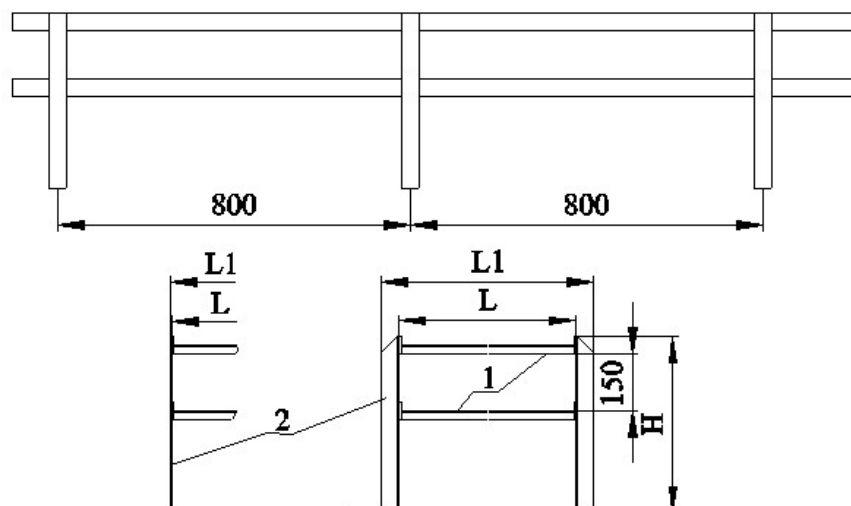
Example of labeling for carrier version A with nominal dimension H= 275 , left type
 Drw.No.:63318 - A - 275 left / n pcs

Nominal dimension H		Number of holes	Weight ≈Kg		Nominal dimension H		Number of holes	Weight ≈Kg	
ver. A	ver.B		ver.A	ver.B	ver.A	ver.B		ver.A	ver.B
70	70	1	0,09	0,17	375	375	3	0,47	0,91
85	85		0,11	0,20	415	415		0,52	1,00
100	100		0,126	0,24	425	425		0,53	1,03
130	130		0,164	0,31		465			1,12
150	150		0,19	0,36		475			1,15
175	175		0,22	0,42		515			1,25
180	180		0,227	0,43		525			1,27
225	225		0,283	0,54		565			1,37
235	235	2	0,296	0,57		575			1,40
275	275		0,346	0,66		615			1,49
285	385		0,359	0,69		625			1,51
325	325		0,41	0,78		665			1,61
335	335		0,42	0,81		675			1,63
365	365		0,46	0,88		715			1,73

Material: Version A - 40 x 4 HRN C.C3.550 C.0541 ; Version B - 40 x 40 x 4 HRN C.C3.101 C.0451

Cable runs for floor and wall

Drw. no.: 63320
 Page: 1/1



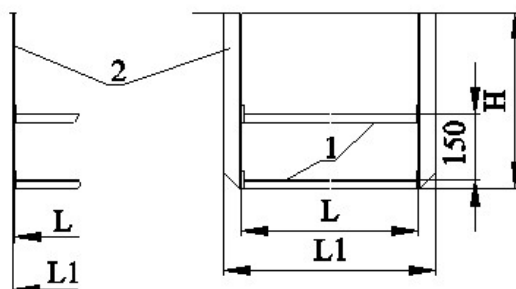
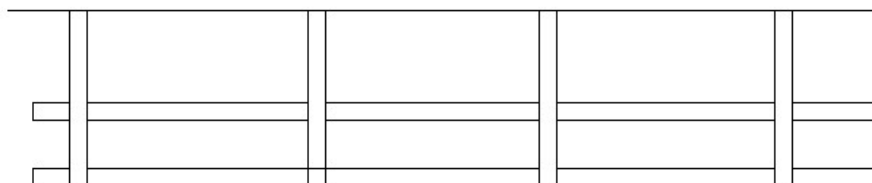
version A:
flat profile

version B:
angular profile

Example of labeling for cable runs with 2 subgrade type B, width 500 and height 675
 Drw.No.:63320 - 2B 500 x 675 / n pcs

* Nominal dimension			L	L1		1 Subgrade Drw.No.63303		2 Carrier Drw.No.63318	Weight ≈Kg			
Number of subgrade	Shelf width	Carrier height H		ver.A	ver.B	Width	Pcs	≈6 pcs	ver.A	ver.B		
1	150	70	157	165	237	150	1	the carrier height H is defined with the nominal dimension	7,31	7,99		
		85							7,63	8,17		
		100							7,72	8,41		
		130							8,38	9,26		
		150							8,54	9,56		
	200	175	209	217	289	200			8,72	9,92		
		180							9,17	10,39		
		225							9,49	11,05		
		235							9,55	11,23		
		275							10,27	12,19		
2	300	285	313		393	300	10,33		12,37			
		325					18,92		21,14			
		335					20,66		23,00			
		365					20,90		23,42			
		400					375		417	20,96	23,60	
	415		22,96		25,85							
	425		23,02		26,02							
	500		465		521	26,56						
			475			36,66						
		3	600			515	625		47,13			
525						47,25						
565						47,85						
575	54,69											
800	615				807	55,23						
	625		55,35									
	665		63,66									
	1000		675			1015	63,86					
			715				64,38					
Material:							Č.0451		Č.0451			
* dimension of shelf and carriers are determined by choice from table : **the number of Enduses are determined with the length of one section Drw.No.63303												

* dimension of shelf and carriers are determined by choice from table : **the number of pieces are determined with the length of one section Drw.No.:63303

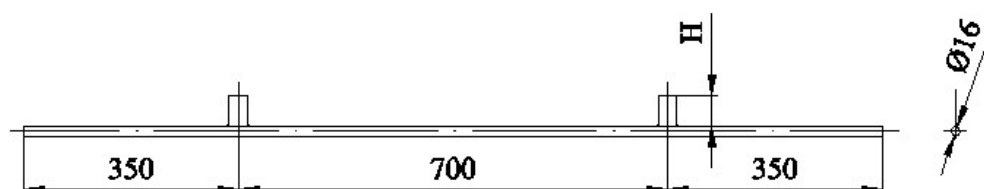


version A:
flat profile

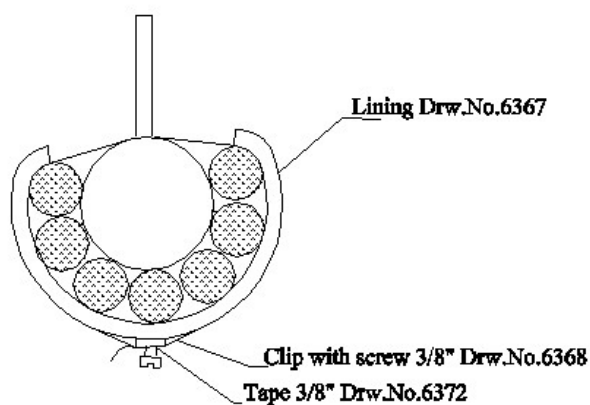
version B:
angular profile

Example of labeling for cable runs with 2 subgrade type B, width 500 and hight 675
 Drw.No.:63321 - 2B 500 x 675 / n pcs

* Nominal dimension			L	L1		1 Subgrade Drw.No.63303		2 Carrier Drw.No.63318		Weight *Kg	
Number of subgrade	Shelf width	Carrier height H		var.A	var.B	Width	Pcs	**6 pcs	var.A	var.B	
1	150	100	105	113	185	100	1	the carrier height H is defined with the nominal dimension	7,72	8,41	
		130							7,95	8,83	
		150	157	165	237	150			8,11	9,19	
		175							8,72	9,92	
	200	180	209	217	289	200			8,76	9,98	
		225							9,08	10,64	
		235							9,55	11,23	
		275							9,85	11,77	
		285							9,91	11,95	
		325							13,15	21,14	
2	300	313		393	300	2	13,27		21,32		
							365		13,75	21,74	
							375		14,71	23,60	
							415		15,31	24,14	
	400	417					497		400	15,43	24,32
										425	26,56
										465	36,66
										475	37,26
	500	521							601	500	47,25
											515
525			54,69								
565			55,23								
575			55,35								
615			63,66								
3	600	625		705	600	3	64,02				
							625	64,38			
							665				
							675				
	800	807					887	800			
1000	1015		1095	1000							
Material:						C-0451	C-0451				
* dimension of shelf and carriers are determined by choice from table : **the number of Enclaves are determined with the length of one section Drw.No.63303											

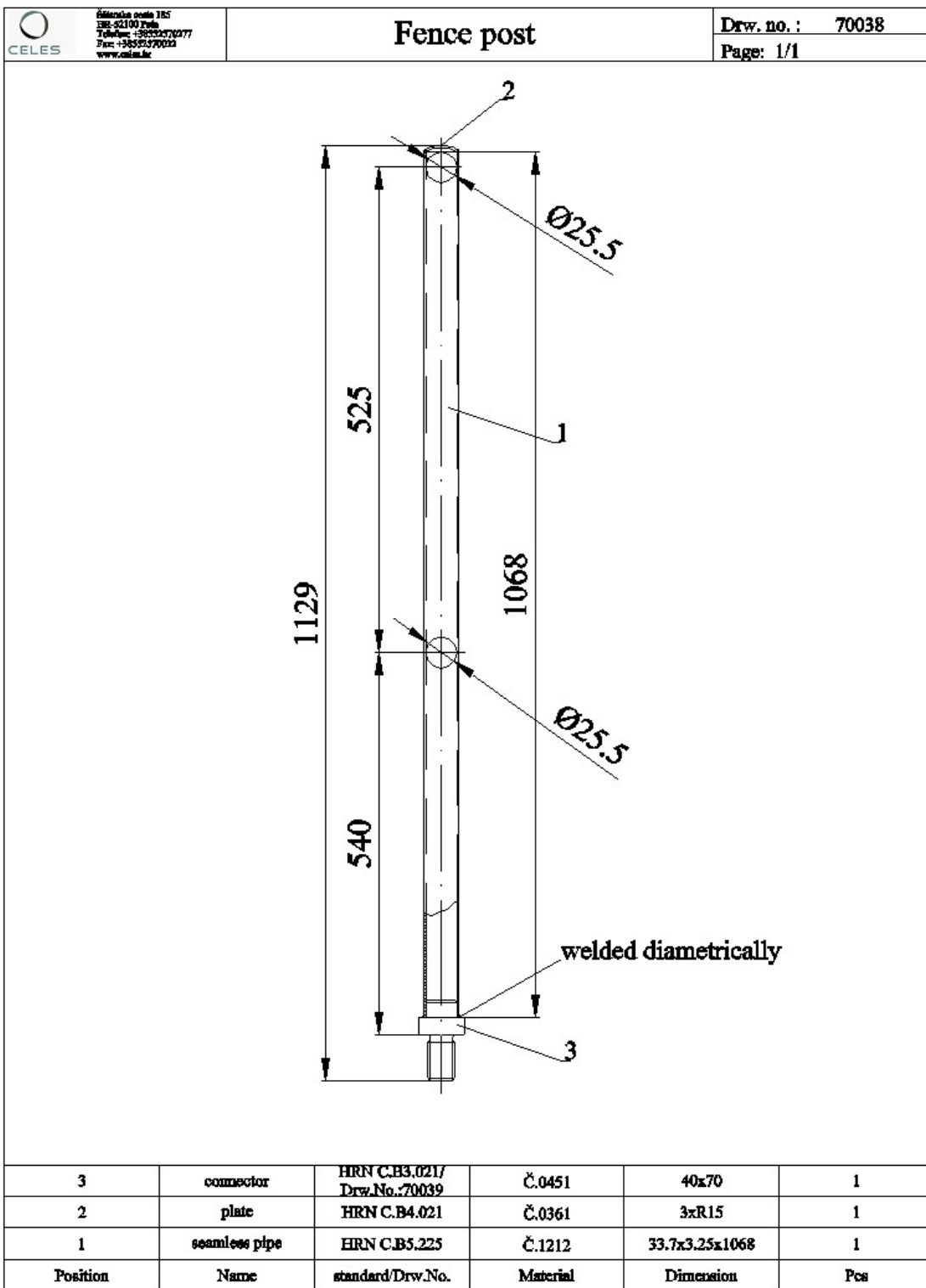


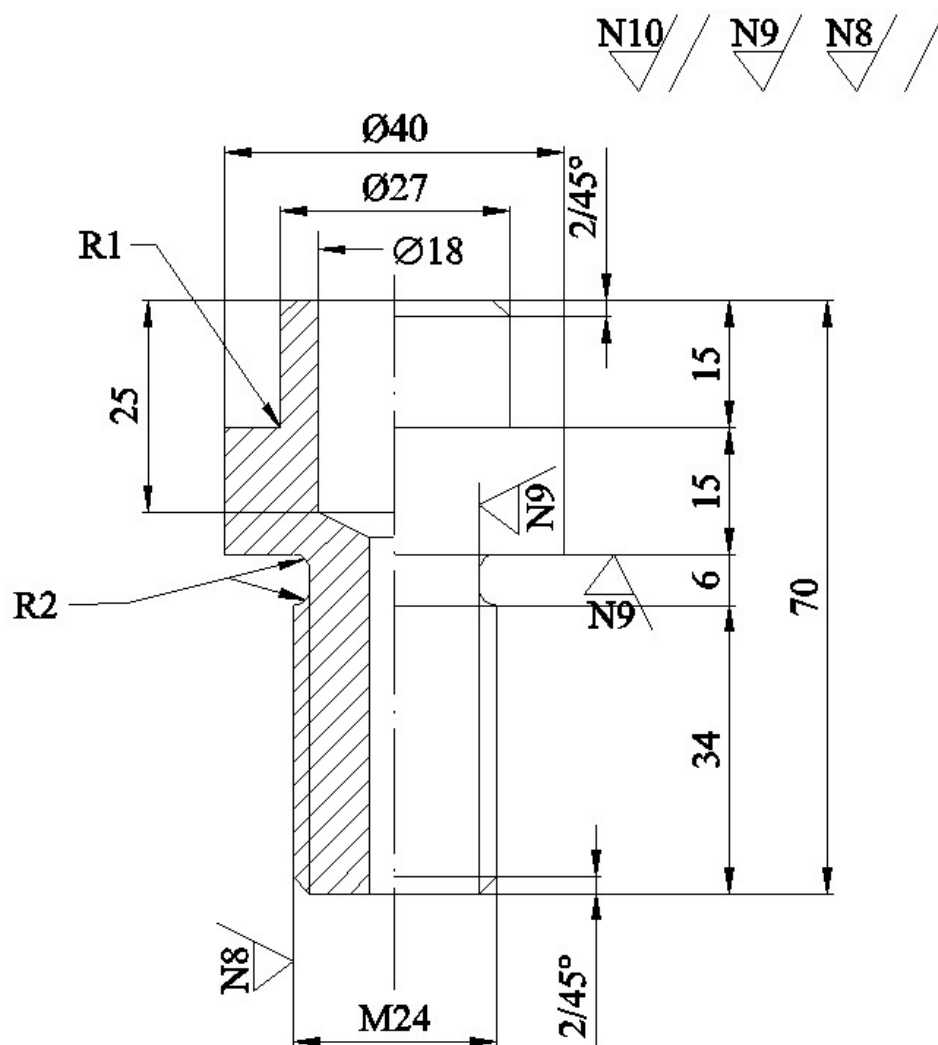
Example of mounting



Example of labeling for cable runs with nominal dimension $H=100$; Drw.No.:63419 - 100 / n pcs
 For setting more cables, two parallel cable runs could be set

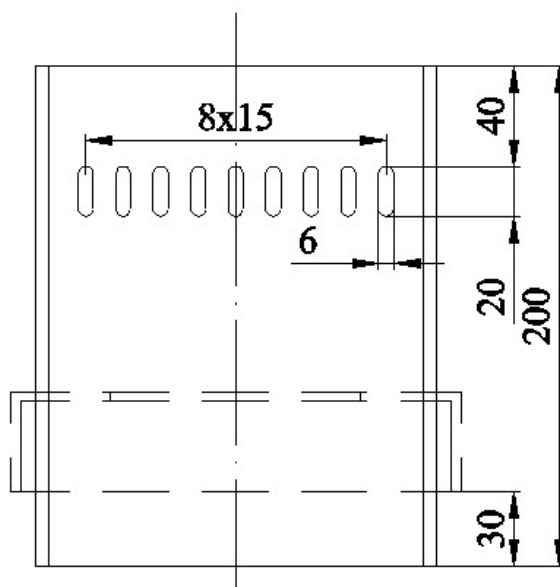
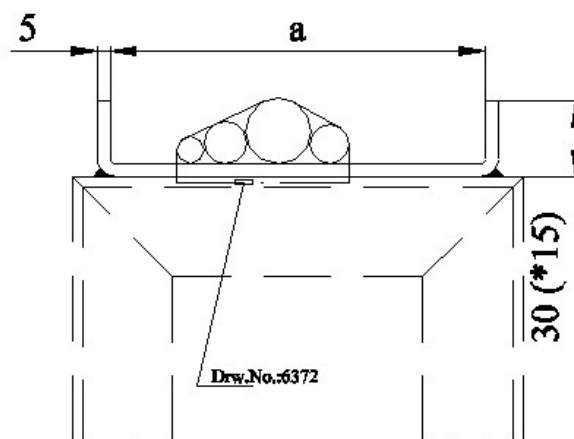
Nominal dimension H	1 Cable run	2 Support		Weight ≈ Kg
	1 pcs	2 pcs		
25	Profile Ø16x1400 HRN C.B3.021	Flat Bar 30x5 HRN C.B3.025	25	2,271
50			50	2,330
75			75	2,389
100			100	2,448
150			150	2,566
200			200	2,684
250			250	2,802
300			300	2,920
Material:	Č.0451	Č.0451		





Material: Č.0451

Example of labeling: Drw.No.: 70039 / n pcs

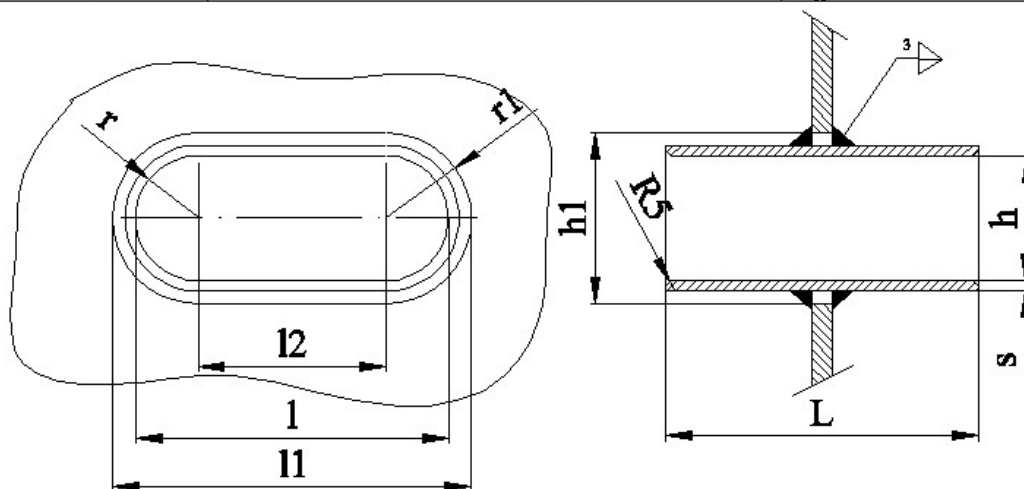


*The dimension in the brackets is valid only for nominal dimension 50

Example of labeling for chassis with nominal dimension a=200

Chassis Drw.No.:70213 - 200/n pcs

Nominal dimension a	Number of holes	Chassis HRN EN 10029		Weight ≈Kg
		1 pcs		
50	3	5x200x	76	0,612
100	7		135	1,218
150	9		205	1,600
200	13		235	2,30
250	15		305	2,312
300	19		355	2,700
340	21		395	3,00
Material		S275JR		

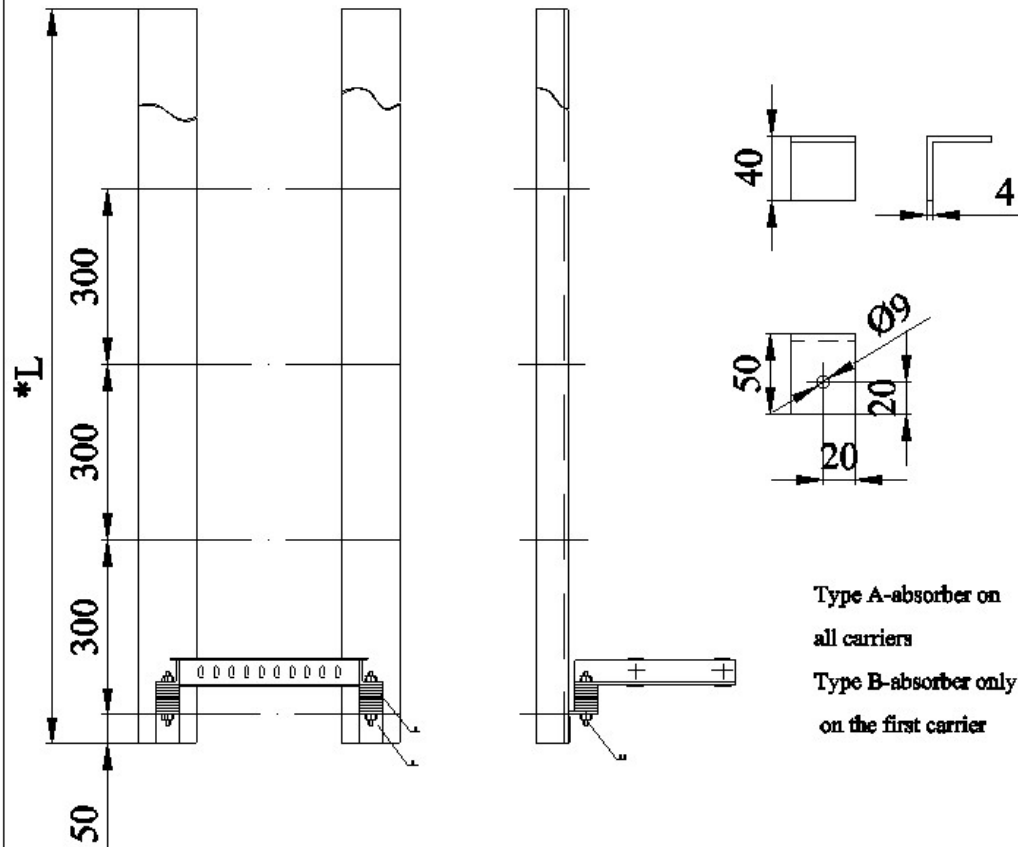


Example of labeling for cable channel Type V , nominal dimension l=300, h=140 and L=200

Drw. No. : 70304 - Type V - 300x140x200 / n pcs

Nominal dimension l x h	l2	r	r1	cutout in the plate l1 x h1		pipe 5 x L x developed dimension Pos. 1	Weight ≈Kg
						5 x L x	
150	60	90	30	35	162	72	400
	100	50	50	55		112	446
200	60	140	30	35		72	500
	100	190	50	55	212	112	546
250	140	60	70	75		152	591
	60	190	30	35		72	600
300	100	150	50	55	262	112	646
	140	110	70	75		152	691
400	60	240	30	35		72	700
	100	200	50	55	312	112	746
500	140	160	70	75		152	791
	60	340	30	35		72	800
600	100	300	50	55	412	112	946
	140	260	70	75		152	991
700	200	200	100	105		212	1060
	60	440	30	35		72	1100
800	100	400	50	55	512	112	1146
	140	360	70	75		152	1191
900	200	300	100	105		212	1260
	60	540	30	35		72	1300
1000	100	500	50	55	612	112	1346
	140	460	70	75		152	1391
1100	200	400	100	105		212	1460
	60	640	30	35		72	1500
1200	100	600	50	55	712	112	1546
	140	560	70	75		152	1591
1300	200	500	100	105		212	1660
	60	740	30	35		72	1700
1400	100	700	50	55	812	112	1746
	140	660	70	75		152	1791
1500	200	600	100	105		212	1860
	60	840	30	35		72	1900
1600	100	800	50	55	912	112	1946
	140	760	70	75		152	1991
1700	200	700	100	105		212	2060
	60	940	30	35		72	2100
1800	100	900	50	55	1012	112	2146
	140	860	70	75		152	2191
1900	200	800	100	105		212	2260
							14,7

Material: 8275TR



Example of labeling for runs on shock absorbers Type A, length L=2000 and number of carrier without the first n= 3pcs

Drw.No.:70419

* the length L is determined by the need

the number of pieces in the table refers to run with 3 carrier

6	Washer	DIN 127	B8	S260MC galvanized	16	4
5	Bolt	HRN EN ISO 4032	M8	8 BRUN.	16	4
4	Rubber shock absorber	Drw.No.70364	40x60/M8	/	8	2
3	Carrier	Drw.No 6360	2Bx300x275	/	4	4
2	*L* carrier	HRN EN 10029	4 x 40 x 86	S235JR	8	2
1	*U* profile	HRN EN 10029	100 x *L	S275JR	2	2
Position	Name	Standa./Drw.No.	Dimension	Material	TypeA/pcs	TypeB/pcs

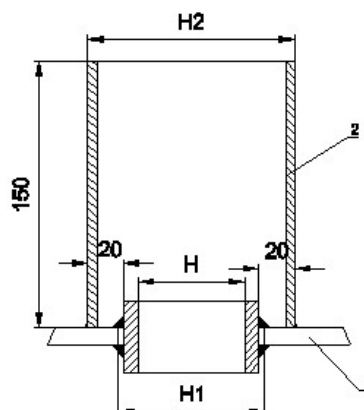
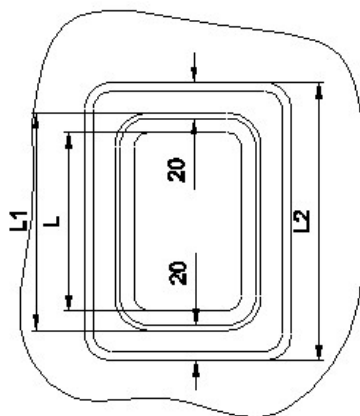


Generale code 105
HR-42100 P.01
Téléphone : 0362270277
Fax : 0362270022
www.celes.fr

Deck cable passing

Drw. no. : 70462

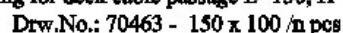
Page: 1/1

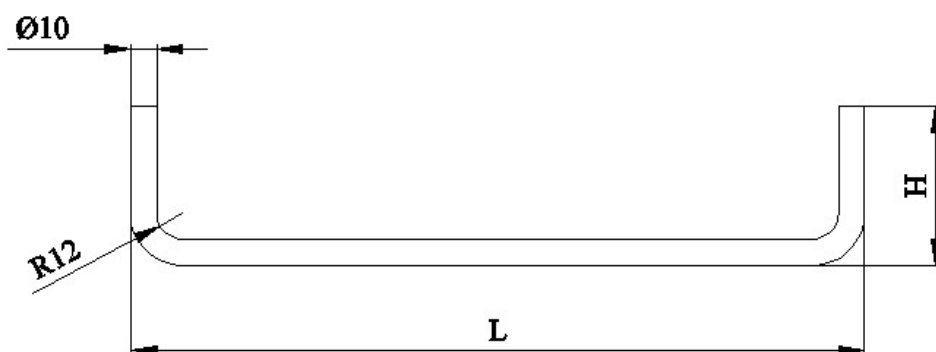


Example of labeling for Deck cable passing L=200, H=100: Drw. No.: 70462 - 200x100 / n pcs

Nominal dimension L x H		Hole in the plate		L2	H2	Protective ring Drw.No.: 4144 1 pcs	Plate HRN EN 10028 1 pcs		Weight =Kg
		L1	H1						
100 x	40	118	56	156	96	100 x	40	454	5,05
	60		76				60	494	6,63
	80		96				80	564	8,26
160 x	40	168	56	208	116	160 x	40	594	6,74
	60		76				60	674	7,72
	80		96				80	754	8,87
200 x	100	218	116	258	156	200 x	100	804	7,95
	140		156				140	884	9,87
	180		196				180	974	11,10
250 x	100	268	116	308	156	250 x	100	974	8,34
	140		156				140	1054	10,23
	180		196				180	1174	14,23
300 x	100	318	116	358	156	300 x	100	1254	14,68
	140		156				140	1374	16,12
	180		196				180	1474	17,08
400 x	100	418	116	458	156	400 x	100	1574	18,62
	140		156				140	1674	18,85
	180		196				180	1774	20,32
500 x	100	518	116	558	156	500 x	100	1854	18,48
	140		156				140	1974	20,62
	180		196				180	2074	21,88
600 x	100	618	116	658	156	600 x	100	2174	23,32
	140		156				140	2274	24,81
	180		196				180	2374	26,32
700 x	100	718	116	758	156	700 x	100	2454	25,14
	140		156				140	2574	26,32
	180		196				180	2674	28,14
800 x	100	818	116	858	156	800 x	100	2754	29,08
	140		156				140	2854	30,33
	180		196				180	2954	32,03
900 x	100	918	116	958	156	900 x	100	3034	30,33
	140		156				140	3134	32,03
	180		196				180	3234	33,73
1000 x	100	1018	116	1058	156	1000 x	100	3314	33,73
	140		156				140	3414	35,43
	180		196				180	3514	37,13

Material: S275JR

Material: 8275TR

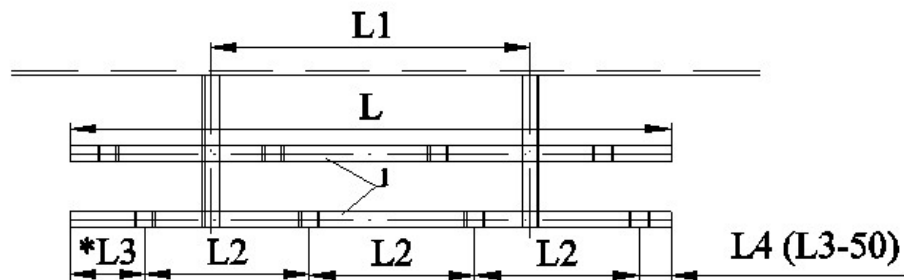


Material: Ø10 round bar HRN C.B3.021- Č.0451 galvanized or AISI316L

Example of labeling for cable carrier with lenght $L=1000$ and hight $H= 200$, mat. AISI316L

Drw.No.:70911 - 1000 x 200 - AISI316L / n pcs

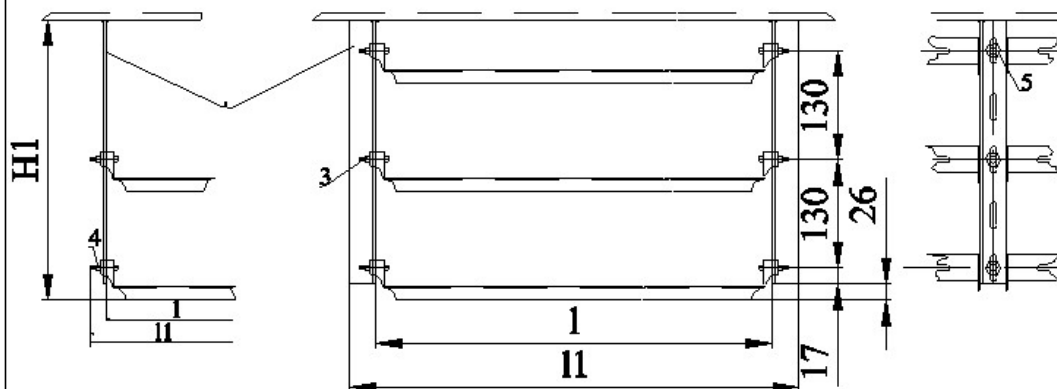
mounting principle



* if necessary cutof the end (L3)

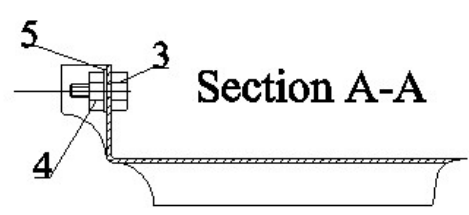
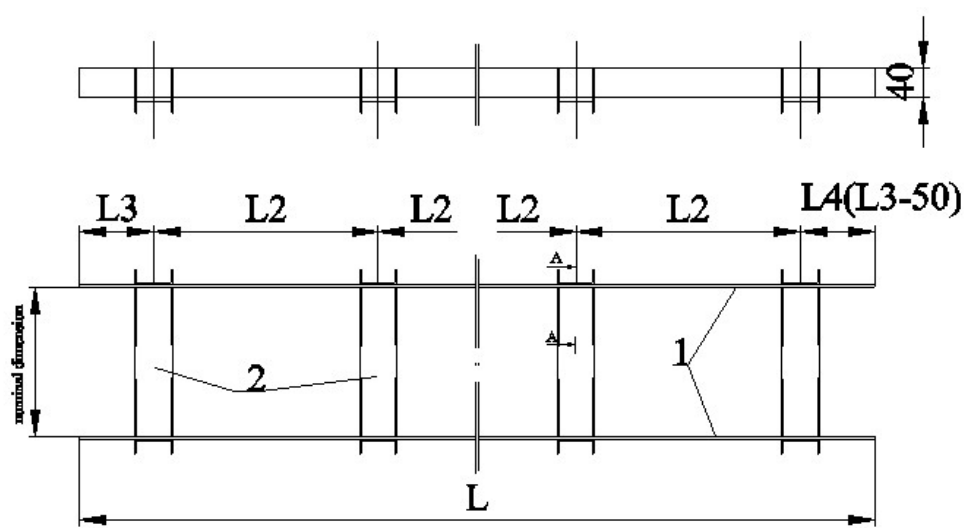
Type A

Type B



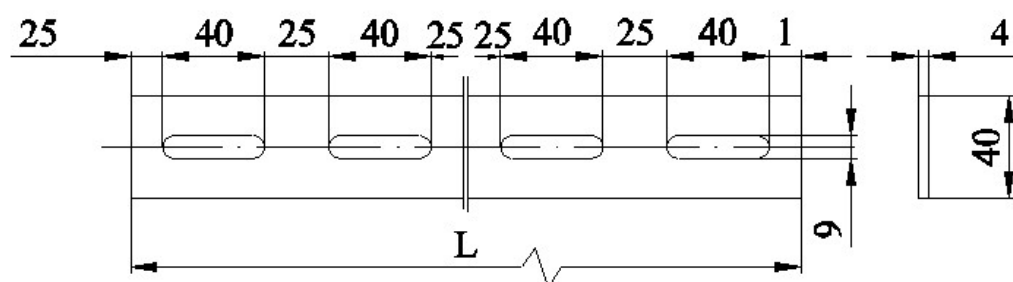
Example of labeling for ceiling cable runs with 3 floor, TypeB width 500,
sidewall lenght L=2400 and bracket haight H=520:

Drw. no. : 70983- 3Bx500x2400x520 / n pcs



Example of labeling for subgrade with width 300 and sidewall lenght 3600
Drw.No.: 70984 - 300 x 3600 /n pcs

Nominal dimension		2 Cable shelf Drw.No.: 4954		3 Screw HRN EN ISO 4017		4 Bolt HRN EN ISO 4032		5 Washer DIN 127		Weight nKg	
Width	1 sidewall Drw.No.: 70986 L	Nominal dimension	pos	Nominal dimension	pos	Nominal dimension	pos	Nominal dimension	pos		
	2 pos										
200	800	200	3	M8 x 20	6	M8	6	B8	6		
250		250									
300		300									
400		400									
500	1600	500	4		8		8		8	14	
600		600									
700		700									
800		800									
900	2400	900	7		14		14		14	18	
1000		1000									9
Material:	S275JR	Galvanized steel		8.8 galvanized		8 galvanized		S260MC			



Example of labeling for sidewall with nominal dimension L 2400
 Drw.No.: 70986 - 2400 /n pcs

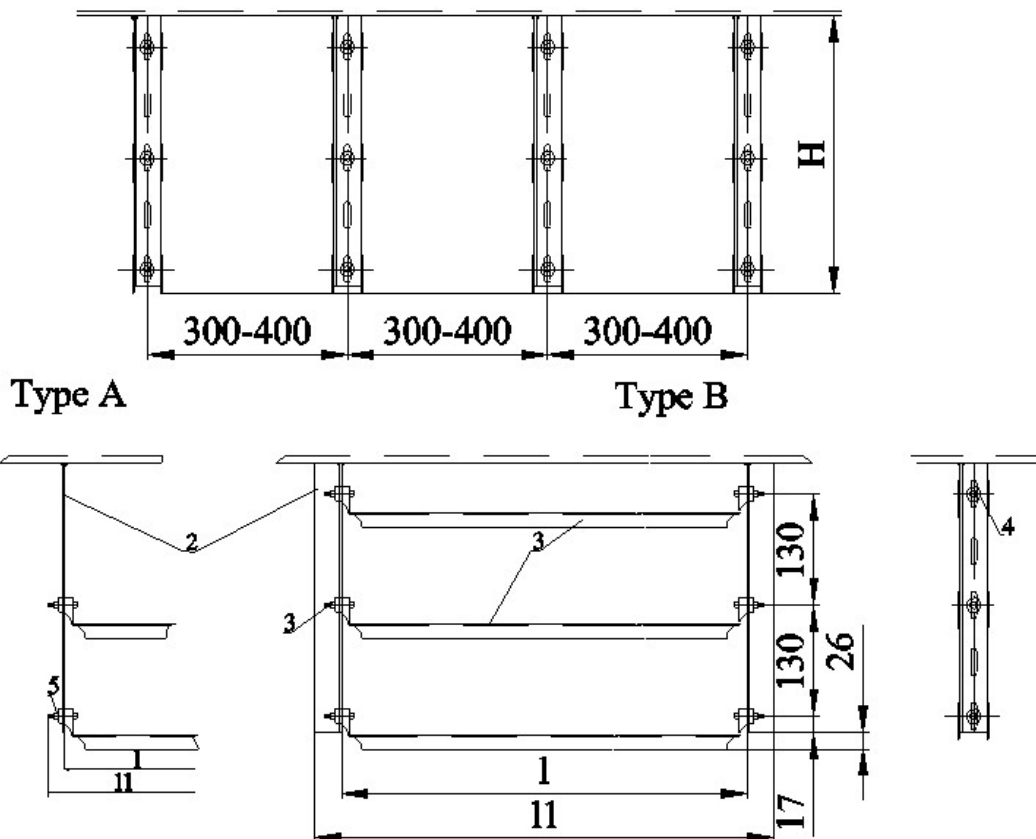
Nominal dimension L	1	Number of perforation	Weight ≈Kg
800	20	12	0,89
1600	40	24	1,79
2400	60	36	2,69
3200	15	49	3,59
Material: Tape 40 x 40 x L - HRN EN 10048-S275JR			

Ceiling cable carriers

Drw. no.: 70987

Page: 1/1

mounting principle



Example of labeling for ceiling cable carriers with 2 shelves, Type B, nominal dimension 500 and carrier height H=520

Drw.No.: 70987 - 2B x 500 x 520 / n pos

Nominal dimension n			H1	t	l1		1 Shelf	2 carrier	3 Screw	4 Bolt	5 Washer
Shelf width	Shelf / pcs	Height of carrier H			Draw.No.: 71234	Draw.No.: 70985	HRN EN ISO 4017	HRN EN ISO 4032	DIN 127		
				Type A	Type B	pos *	2 pos	pos	pos	pos	
200	1	130 195	156 221	203	239	283	200	2	2	2	
250	2	260 325	286 351	255	291	335	250	4	4	4	
300	3	390 455	416 481	307	343	387	300	MS x 20	MS	B8	
400		520 585	546 611	411	447	491	400				
500		650 715	676 741	515	551	595	500				
600		780 845	806 871	621	655	701	600				
700		910 975	936 1001	727	759	807	700				
800		1040 1105	1066 1131	803	837	883	800				
900		1170 1235	1196 1261	907	941	987	900				
1000		1300 1365	1326 1391	1011	1045	1091	1000				
Material						Galvanized steel	S275JR 1	8.8 galvanized	8 galvanized	8260MC	

1)-All combination is available for width, number of shelf and height of carrier

2)-The number of shelf are defined with nominal dimension in the label

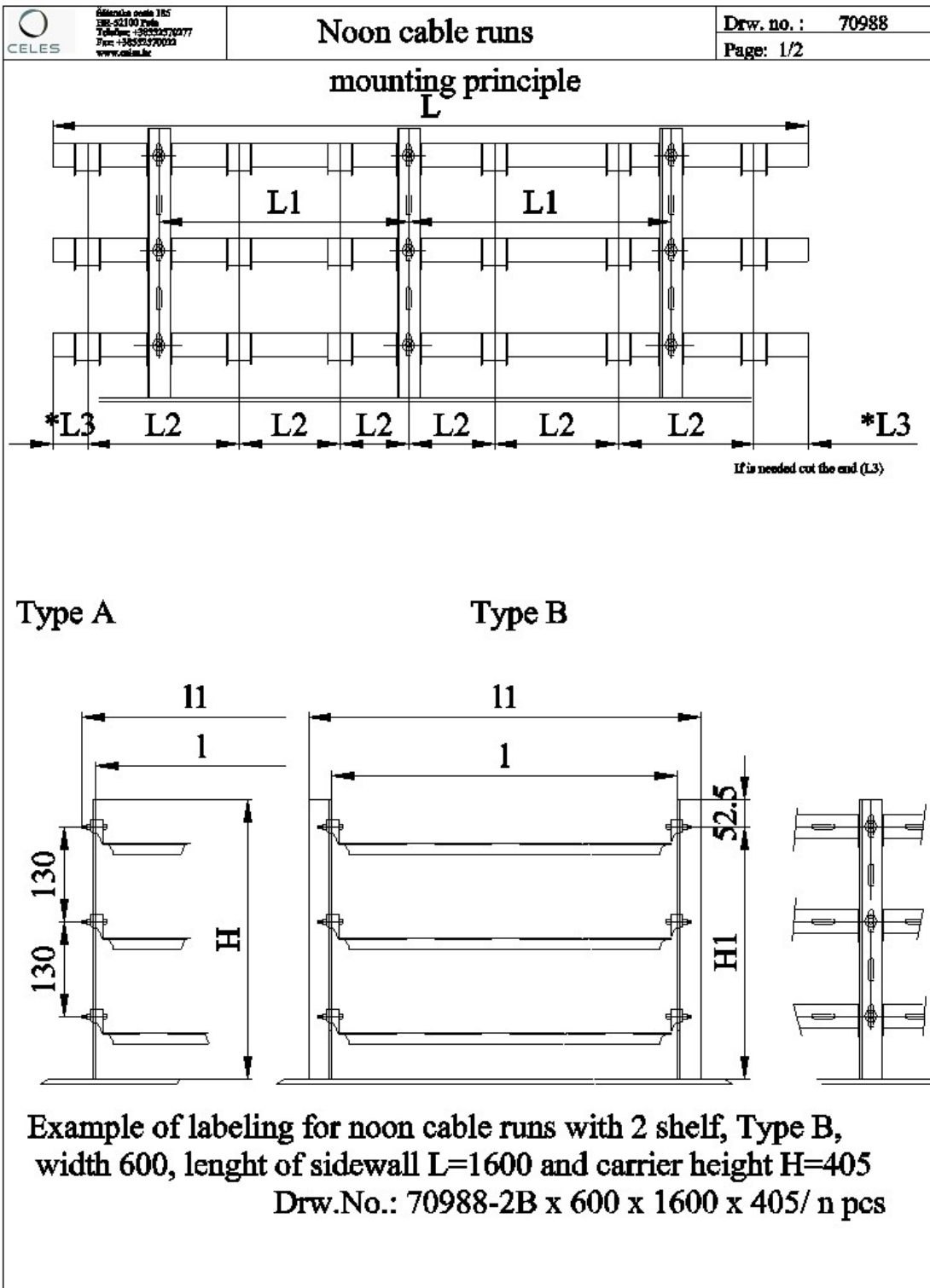


Figure 1 consists of four horizontal dimension lines, each representing a different facade layout. The segments are defined by arrows and labeled with their lengths in millimeters.

- Top layout:** The total length is $L=3200$. The segments from left to right are: 100, 725, 775, 775, 725, 100, 175, 375, 325, 375, 325, 375, 325, 385, 325, and 215.
- Second layout:** The total length is $L=2400$. The segments from left to right are: 375, 835, 790, 400, 175, 325, 380, 330, 330, 330, 380, and 150.
- Third layout:** The total length is $L=1600$. The segments from left to right are: 425, 775, 400, 230, 400, 385, 385, and 200.
- Bottom layout:** The total length is $L=800$. The segments from left to right are: 100, 600, 100, 100, 325, 275, and 100.

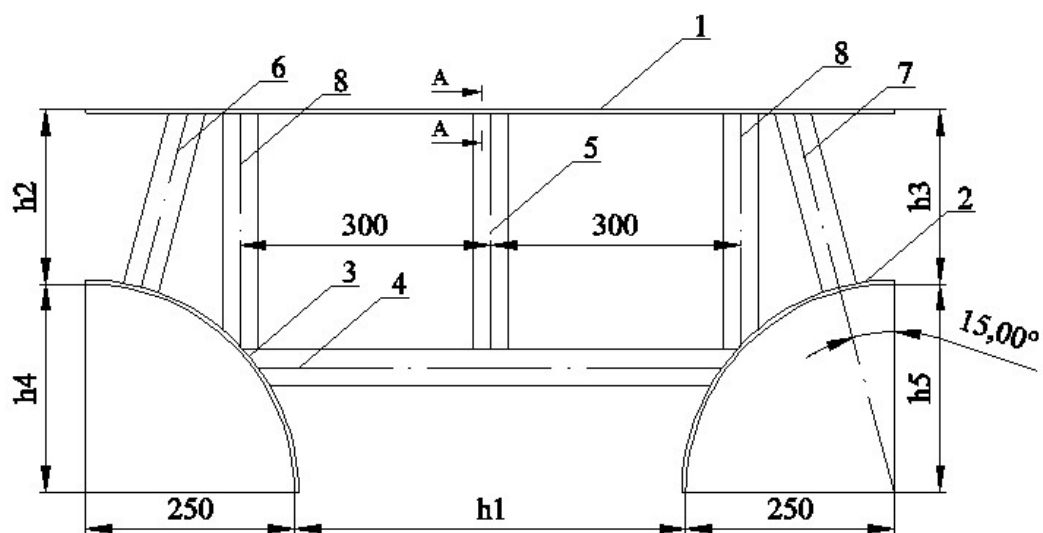
Drw.No.: 70999-3B1-600 x 520 /n pcs

Noon cable carriers

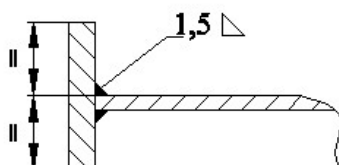
Drw. no. : 70999

Page: 2/2

Nominal dimension			H1	H2	I	I1 version		1 shelf Drw.No.: 71234		2 carrier Drw.No.: 70985		3 screw HRN EN ISO 4017		4 bolt HRN EN ISO 4032		5 washer DIN 127								
shelf width	shelf no.	height of carrier				A	B	pcs 2)		2 pcs		pcs		pcs		pcs								
200	1	130	77.5	40	203	239	283	ver.A	200	height of the carrier is defined in the label	M8x20	M8	B8	6	6	6								
		195	142.5					ver.B																
250	2	260	207.5		255	291	335	ver.A	250															
		325	272.5					ver.B																
300	3	390	337.5		307	343	387	ver.A	300															
		455	402.5					ver.B																
400		520	467.5		411	447	491	ver.A	400															
		585	532.5					ver.B																
500		630	597.5		515	551	595	ver.A	500															
		715	662.5					ver.B																
600		780	727.5		621	655	701	ver.A	600															
		845	792.5					ver.B																
700		910	857.5	727	759	807	ver.A	700																
		975	922.5				ver.B																	
800		1040	987.5	803	837	883	ver.A	800																
		1105	1052.5				ver.B																	
900		1170	1117.5	907	941	987	ver.A	900																
		1235	1182.5				ver.B																	
1000		1300	1247.5	1011	1045	1091	ver.A	1000																
		1365	1312.5				ver.B																	
Material								galvanized steel									S275JR	8.8 galvanized	8 galvanized	S260MC				
all combination of height, shelf number and carrier height are possible																								
the number of shelf are defined with nominal dimension																								



section "A-A"



Example of labeling for junction trail with nominal dimension $h1=600$, $h2=800$ and $h3=800$

Drw.No.: 63346 - 600/800/800 - n pcs



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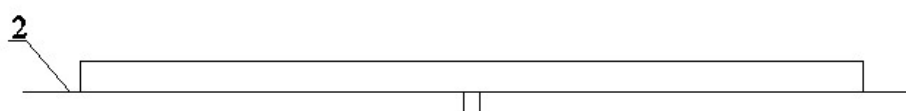
Junction trails

Drw. no. : 63346

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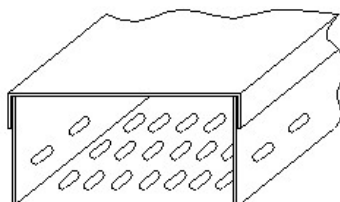
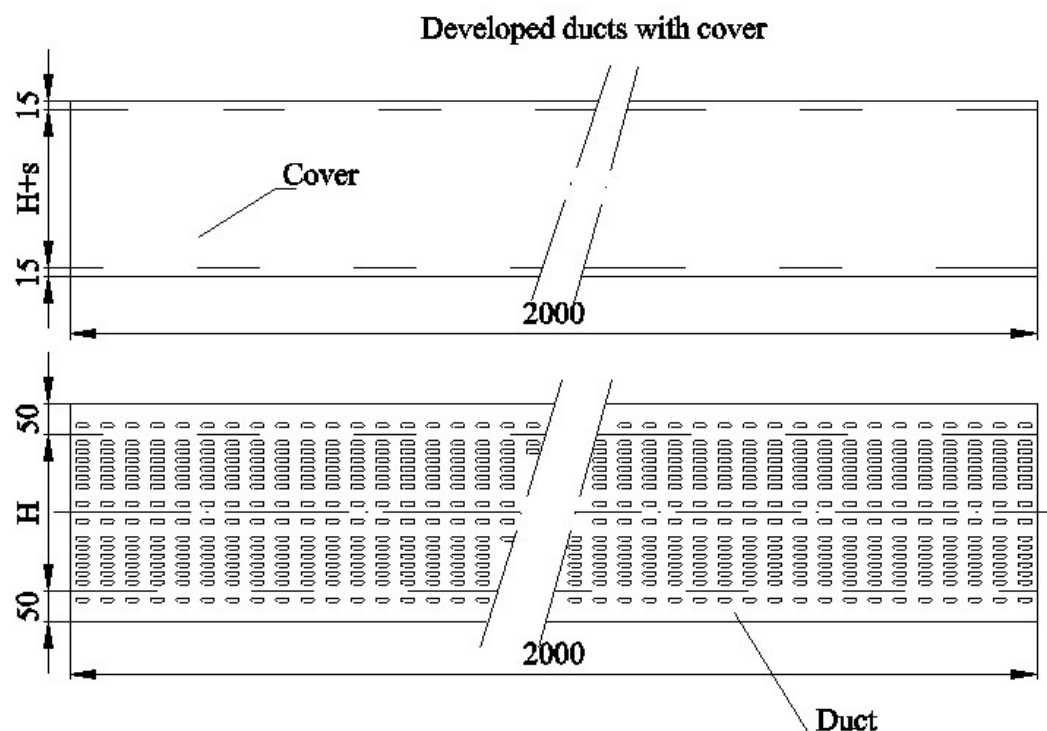
Nominal dimension	h1	h2	h3	h4	h5	1 Tape	2 Tape	3 Tape	4 Shelf	5 Shelf	6 Shelf	7 Shelf	8 Shelf	Weight =kg									
						HRN C.B3.023									Drw.No. 63264								
						1 pcs																	
150 / 200 / 200	157	209	250	250	30x5x	657	30x5x	397	30x5x	397	284	281	222	222	-	2,76							
150 / 400 / 400		417										489	438	438		3,42							
150 / 500 / 500		521										593	544	544		3,75							
150 / 600 / 600		625										697	652	652		5,09							
150 / 800 / 800		807										879	842	842		6,54							
200 / 200 / 300	209	209	313	354	250	30x5x	709	30x5x	397	30x5x	501	276	385	232	328	-	3,16						
200 / 200 / 400		209	417	458	250				501		605	268	489	246	438		3,51						
200 / 300 / 200		313	209	250	354				501		397	276	385	328	232		3,16						
200 / 300 / 300		313	209	250	458				501		397	276	385	330	330		3,20						
200 / 400 / 300		417	313	250	354				501		605	268	489	246	438		3,51						
200 / 400 / 400		417	209	250	458				501		605	268	489	246	438		3,51						
200 / 500 / 500		521	250	354	397				30x5x		397	334	593	544	544		3,86						
200 / 600 / 600		625											697	652	652		5,21						
200 / 800 / 800		807											879	842	842		6,67						
250 / 300 / 300		261	313	250	30x5x				761		30x5x	397	30x5x	397	386		385	390	-	3,32			
300 / 150 / 150		313	157	209	250				302		30x5x	813	30x5x	397	30x5x		397	438	229	168	168	-	2,93
300 / 150 / 200			157	209	250				302					449			449	402	281	172	222		3,07
300 / 200 / 150	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 200 / 200	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 200 / 300	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 200 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 300 / 200	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 300 / 300	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 300 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 300 / 500	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 400 / 200	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 400 / 300	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 400 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 400 / 500	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 500 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 500 / 500	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 600 / 600	209		209	250	302	397	397	438	222	222				222		3,10							
300 / 800 / 800	209		209	250	302	397	397	438	222	222				222		3,10							
400 / 150 / 150	417	157	209	250	302	30x5x	917	30x5x	397	30x5x	397	438	229	168	168	-	3,17						
400 / 150 / 200		157	209	250	302				449		449	402	281	172	222		3,07						
400 / 200 / 150		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 200 / 200		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 200 / 300		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 200 / 400		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 300 / 200		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 300 / 300		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 300 / 400		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 400 / 150		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 400 / 200		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 400 / 300		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 400 / 400		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 400 / 500		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 500 / 400		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 500 / 500		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 600 / 600		209	209	250	302				397		397	438	222	222	222		3,10						
400 / 800 / 800		209	209	250	302				397		397	438	222	222	222		3,10						
500 / 150 / 150		521	157	209	250				302		30x5x	1021	30x5x	397	30x5x		397	438	229	168	168	-	3,17
500 / 150 / 200	157		209	250	302	449	449	402	281	172				222		3,07							
500 / 200 / 150	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 200 / 200	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 200 / 300	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 200 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 300 / 200	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 300 / 300	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 300 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 400 / 200	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 400 / 300	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 400 / 400	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 500 / 500	209		209	250	302	397	397	438	222	222				222		3,10							
500 / 600 / 600	209	209	250	302	397	397	438	222	222	222	3,10												
500 / 800 / 800	209	209	250	302	397	397	438	222	222	222	3,10												
600 / 150 / 150	625	157	209	250	302	30x5x	1125	30x5x	397	30x5x	397	438	229	168	168	-	3,17						
600 / 200 / 200		157	209	250	302				449		449	402	281	172	222		3,07						
600 / 300 / 300		313	209	250	302				397		397	438	222	222	222		3,10						
600 / 400 / 400		417	209	250	302				397		397	438	222	222	222		3,10						
600 / 500 / 500		521	209	250	302				397		397	438	222	222	222		3,10						
600 / 800 / 800		807	209	250	302				397		397	438	222	222	222		3,10						
800 / 150 / 150	807	157	209	250	302	30x5x	1307	40x5x	397	40x5x	397	438	229	168	168	-	3,17						
800 / 200 / 200		157	209	250	302				449		449	402	281	172	222		3,07						
800 / 300 / 300		313	209	250	302				397		397	438	222	222	222		3,10						
800 / 400 / 400		417	209	250	302				397		397	438	222	222	222		3,10						
800 / 500 / 500		521	209	250	302				397		397	438	222	222	222		3,10						
800 / 600 / 600		625	209	250	302				397		397	438	222	222	222		3,10						
800 / 800 / 800		807	209	250	302				397		397	438	222	222	222		3,10						
900 / 150 / 150	907	157	209	250	302	30x5x	1407	40x5x	397	40x5x	397	438	229	168	168	-	3,17						
900 / 200 / 200		157	209	250	302				449		449	402	281	172	222		3,07						
900 / 300 / 300		313	209	250	302				397		397	438	222	222	222		3,10						
900 / 400 / 400		417	209	250	302				397		397	438	222	222	222		3,10						
900 / 500 / 500		521	209	250	302				397		397	438	222	222	222		3,10						
900 / 600 / 600		625	209	250	302				397		397	438	222	222	222		3,10						
900 / 800 / 800		807	209	250	302				397		397	438	222	222	222		3,10						

Shelf position 4,5,6,7 and 8 must be made from the first brazier according to standard



*on the request other materials can be used.

Position	Name	Drawing / Standard	Material / Pcs
1	Grating	Drw.No.: NR0001	AISI316 / 1pcs
2	Grating with slider	Drw.No.: NR0002	AISI316 / 1pcs

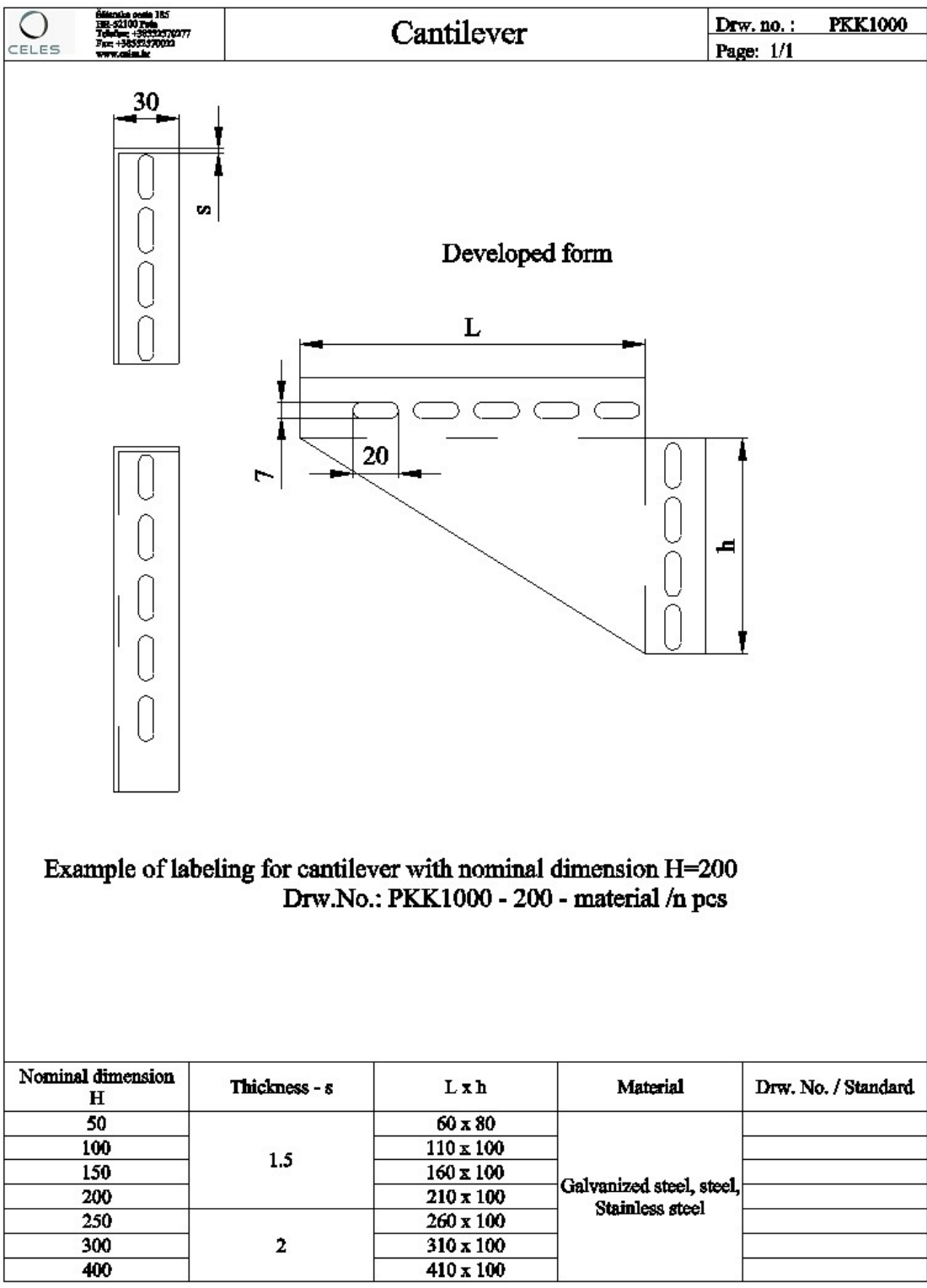


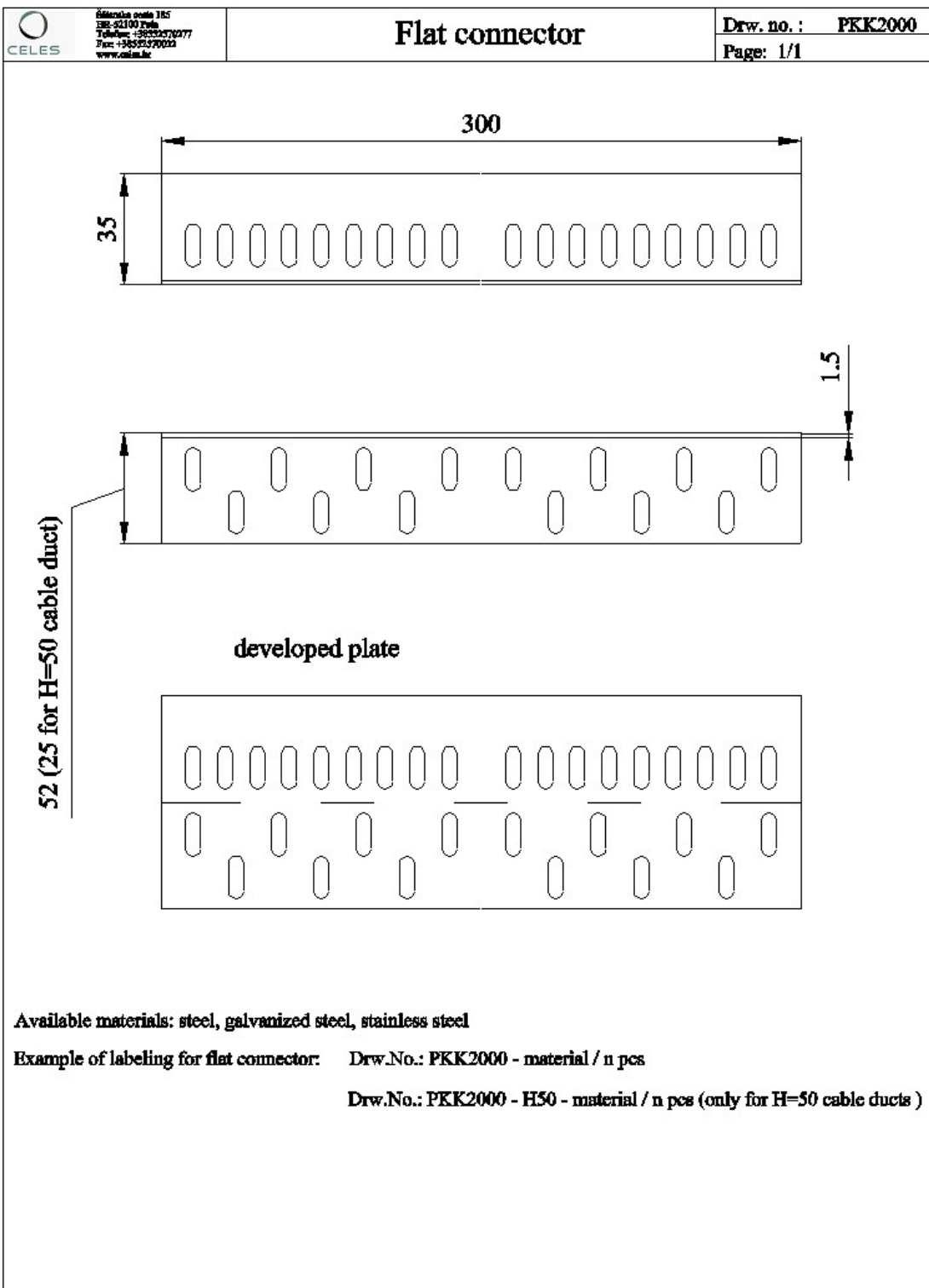
Example of labeling for cable duct with nominal dimension H=150

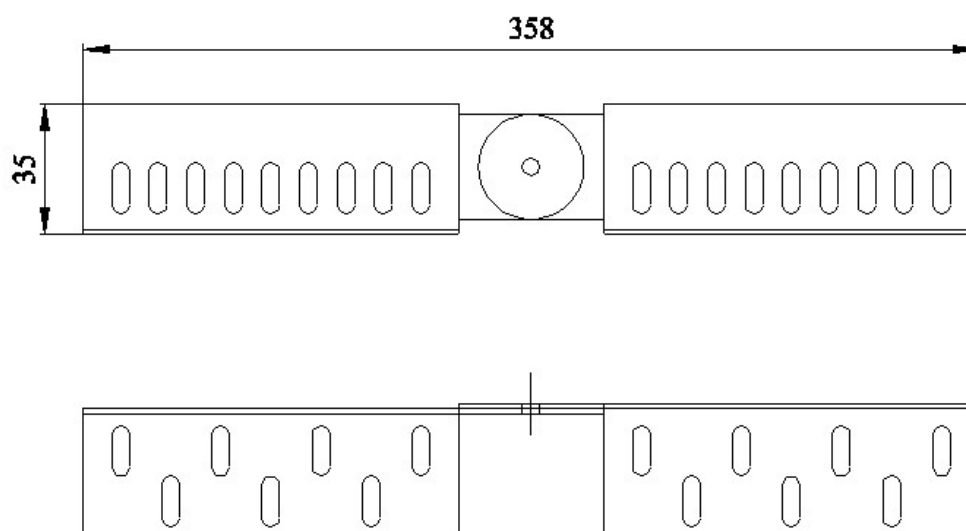
Drw.No.: PKK0000 - 150 - material /n pcs

Cable ducts can be ordered without the cover it is only necessary to mention in the order.

Nominal dimension H	Thickness - s	number of oval holes in one row	Material	Drw. No. / Standard
50	0,8	3	Galvanized steel, steel, Stainless steel, Aluminium	
100	1	6		
150		10		
200		14		
250	1,25	14		
300	1,5	20		
400		25		



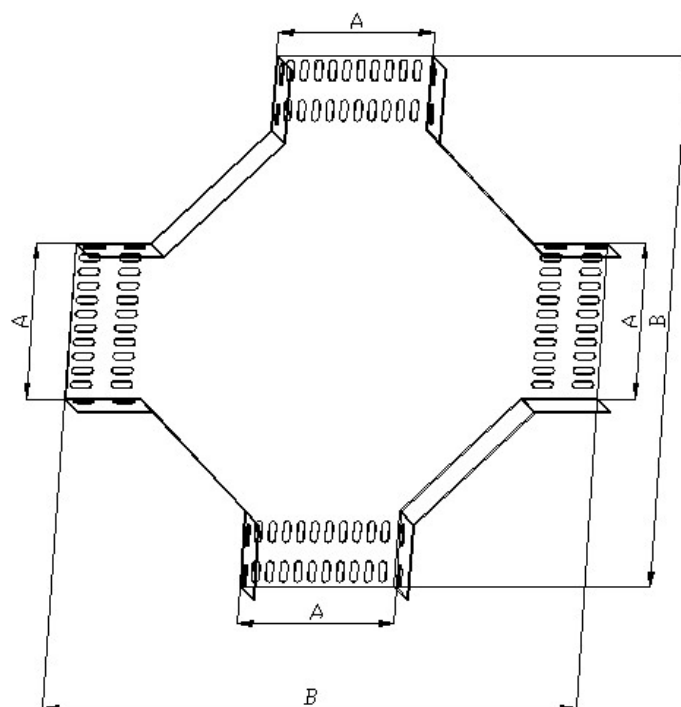




Available materials: steel, galvanized steel, stainless steel

Example of labeling for flat connector: Drw.No.: PKK2100 - material / n pcs

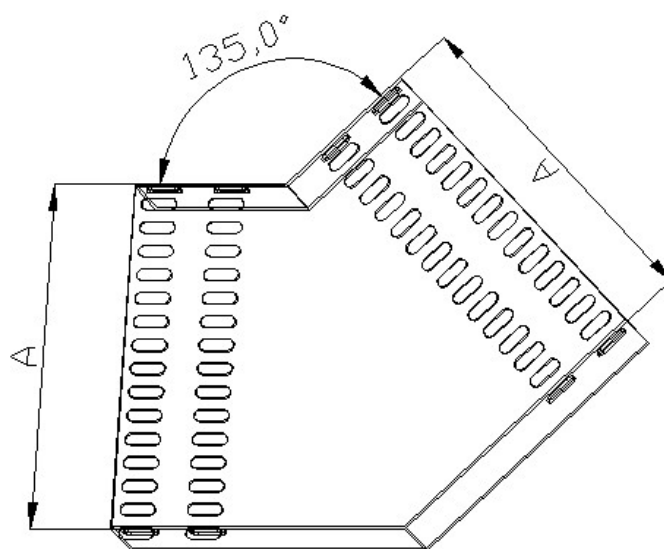
Drw.No.: PKK2100 - H50 - material / n pcs (only for H=50 cable ducts)



Example of labeling for cross-connectors with nominal dimension 200,
material AISI316

Drw.No.KS3000 -200 / AISI316/ n-pcs (with / without cover)

Nominal dimension A	B	s
50	397,6	1
100	478	
150	528	
200	578	1.5
250	628	
300	678	
400	778	
Material: Galvanized plate ; AISI304 ; AISI316		



Example of labeling for angular connector 45° with nominal dimension A=150; mat. AISI-316

DrwNo. KS4000 A=150 / n pcs / AISI-316 (with / without cover)

Nominal dimension A	Thickness s
50	1
100	
150	
200	1.5
250	
300	
400	
Material: Galvanised plate; AISI304; AISI316	

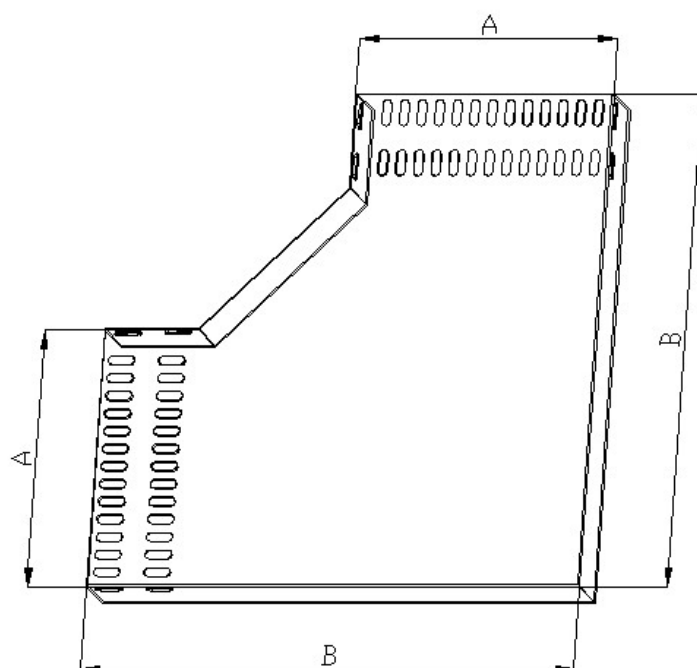


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Angular connector 90°

Drw. no. : KS5000

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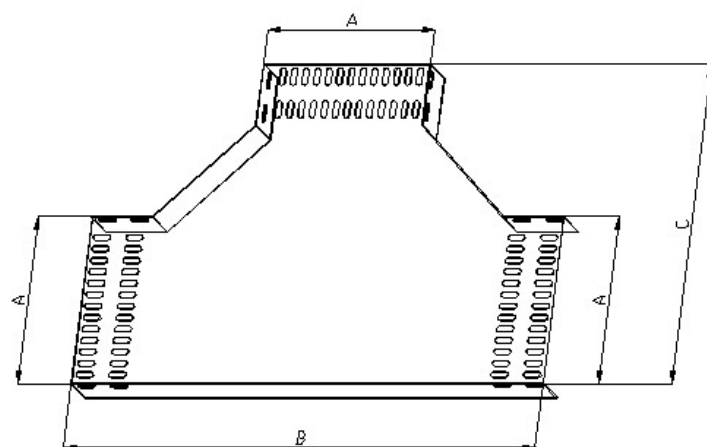


Example of labeling for angular connector 90° with nominal dimension A=150; mat. AISI-316

DrwNo. KS5000 A=150 / n pcs / AISI-316 (with / whitout cover)

Nominal dimension A	B	Thickness s
50	224.6	1
100	290	
150	340	
200	390	1.5
250	440	
300	490	
400	590	
Material: Galvanised plate; AISI304; AISI316		

Material: Galvanized plate ;	AISI304
	AISI316



Example of labeling for T-connectors with nominal dimension A=200, material AISI316

Drw.No.:TS7000 / 200 / AISI316/ n-pcs (with / without cover)

Nominal dimension A	B	C	s
50	397,6	224,6	1
100	478	290	
150	528	340	
200	578	390	1,5
250	628	440	
300	678	490	
400	778	590	
Material: Galvanized plate ; AISI304 ; AISI316			

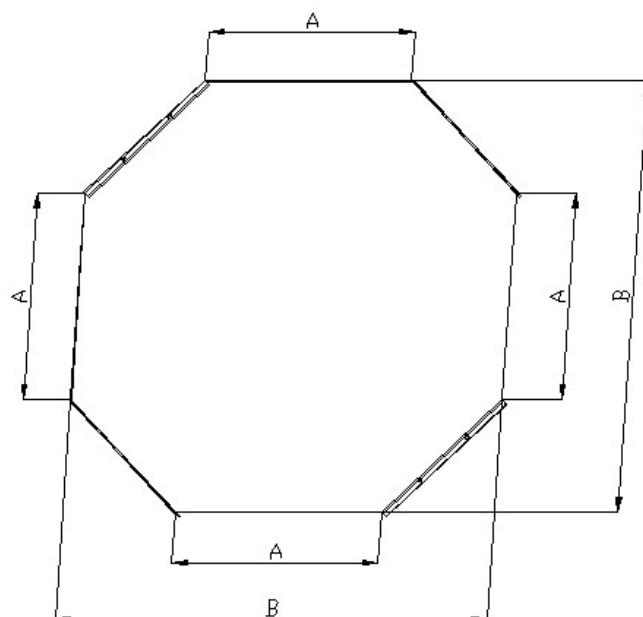


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Cover for cross connector

Drw. no. : PKS8000

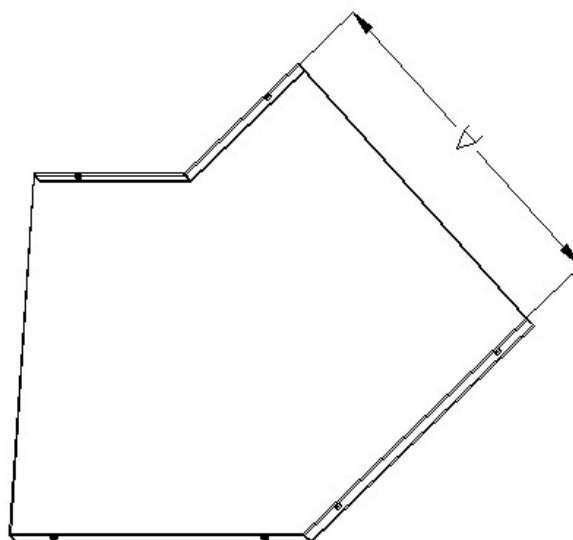
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Example of labeling for cover with nominal dimension 200, material AISI316

Drw.No:PKS8000 / 200 / AISI316/ n-pcs

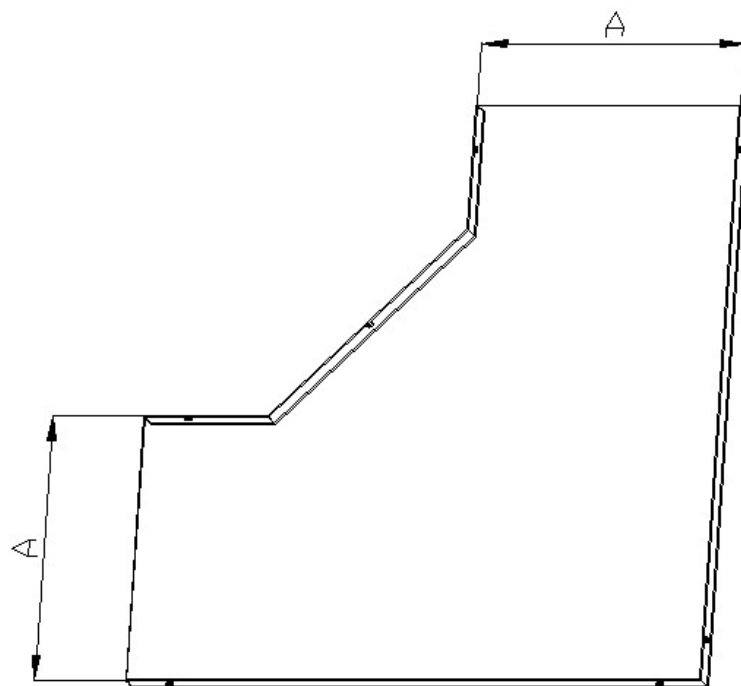
Nominal dimension A	B	s
50	247.6	1
100	328	
150	378	
200	428	1.5
250	478	
300	528	
400	628	
Material: Galvanized plate ; AISI304 ; AISI316		



Example of labeling for angular connector 45° cover with nominal dimension A=150; mat. AISI-316

DrwNo. PKS8100 A=150 / n pcs / AISI-316

Nominal dimension A	Thickness s
50	1
100	
150	
200	1.5
250	
300	
400	
Material: Galvanised plate; AISI304; AISI316	



Example of labeling for angular connector 90° cover with nominal dimension A=150; mat. AISI-316

DrwNo. PKS8200 A=150 / n pcs / AISI-316

Nominal dimension A	Thickness s
50	1
100	
150	
200	1.5
250	
300	
400	
Material: Galvanised plate; AISI304; AISI316	

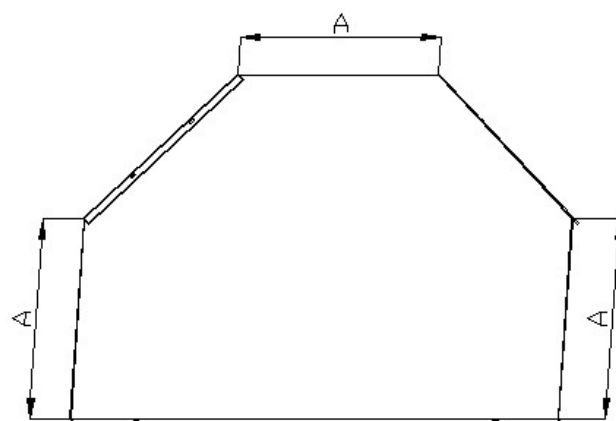


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Cover for T-connector

Drw. no. : PTS8300

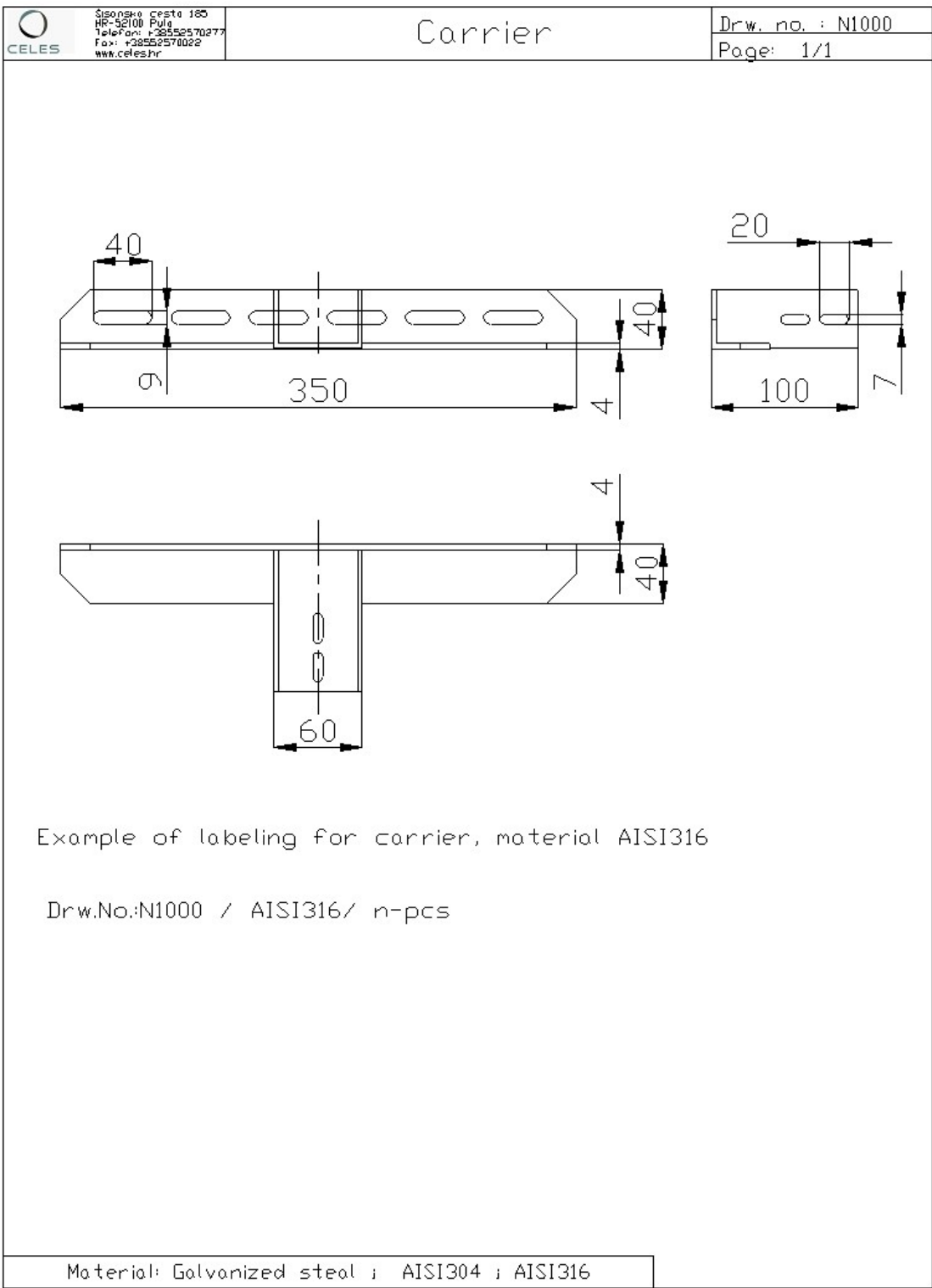
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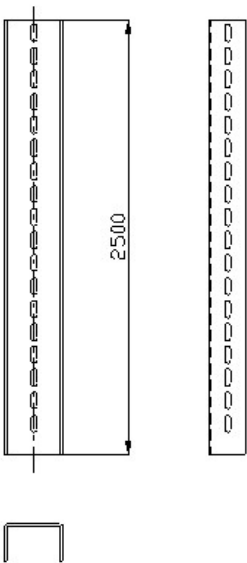


Example of labeling for cover for T-connector with nominal dimension A=150; mat. AISI-316

DrwNo. PTS8300 A=150 / n pcs / AISI-316

Nominal dimension A	Thickness s
50	1
100	
150	
200	1.5
250	
300	
400	
Material: Galvanised plate; AISI304; AISI316	



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		Page: 1/1
 Example of labeling for carrier material AISI316 Drw.No:N1100 / AISI316/ n-pcs		
Material: Galvanized steel ; AISI304 ; AISI316		