

**NIEDAX**  
France

[www.niedaxfrance.fr](http://www.niedaxfrance.fr)

# SYSTÈMES DE CHEMINS DE CâBLES INOX

**I2 (304L) I3 (316L)**



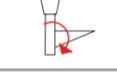
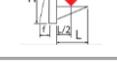
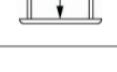
 **NIEDAX GROUP**

**MATÉRIAUX ET REVÊTEMENTS**

		NORMES	EXTERIEUR INDUSTRIEL	EXTERIEUR MARIN	ACIDES MINÉRAUX (sulfurique, chlorhydrique, nitrique,...)	ACIDES ORGANIQUES	HYDROCARBURES	BASES (soude,...)	HALOGENES (Fluor, Chlore,...)	ALIMENTAIRE
<b>I</b>	<b>AUTRES INOX</b>	NF EN 10088-2								
<b>I2</b>	<b>INOX 304L</b> : I.4307 (V2A) Acier inoxydable X2CrNi 18-9	NF EN 10088-2 / AISI 304L ASTM A240 / DIN 17440	■	■	■	■	■	■	■	■
<b>I3</b>	<b>INOX 316 L</b> : I.4404 (V4A) Acier inoxydable X2CrNiMo 17-12-2	NF EN 10088-2 / AISI 316L ASTM A240 / DIN 17440	■	■	■	■	■	■	■	■

**PICTOGRAMMES**

	Conditionnement
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	Suspension fixée directement au plafond
	Console fixée directement sur paroi
	Console fixée avec goupille sur échelle à console fixée directement sur paroi
	Moment fléchissant (m.daN)
	Résistance à l'arrachement (daN) avec pendent charge symétrique
	Flèche en mm – Pendent charge dissymétrique
	Charge uniformément répartie - Balancelle
	Charge ponctuelle centrée Balancelle

**DES MARQUES ENGAGÉES ET CERTIFIÉES**

NIEDAX France, soucieuse de son impact socio environnemental et attentive aux exigences de conformité de ses donneurs d'ordres, s'est engagée dans une démarche de RSE.

Un processus de certifications a été initié en 2010. ISO 9001 et OHSAS 18001, dans un 1<sup>er</sup> temps.

Puis ISO 14001 validée par étapes, et obtenue en 2014. C'est aujourd'hui avec fierté et conviction, que NIEDAX France revendique auprès de ses clients, et intègre à sa stratégie de développement, sa Responsabilité Sociétale.



**ENVIRONNEMENT**

Certification ISO 14001 : **bilan carbone®**, **PEP** (Profils Environnementaux Produits – Analyse du cycle de vie), **écoconception**.



**QUALITE**

Certification ISO 9001 : **satisfaction clients**, **politique d'achats durables**, **management par processus**.



**SÉCURITÉ**

Certification OHSAS 45001, la **sécurité au cœur des décisions**.

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**ACIER INOXYDABLE X2CRNI 18-9**

**a. Propriétés**

- Appellation NIEDAX France « I2 » assimilé à 304 L
  - Austénitique type 18-9 à très basse teneur en carbone
  - L'acier I2 est caractérisé par :
    - sa très bonne résistance à la corrosion intergranulaire qui se conserve sans traitement thermique ultérieur après soudage ou conformation à chaud
    - sa grande facilité de soudage
    - ses hautes propriétés de ductilité
- Il est en outre, susceptible d'acquérir un beau poli.

• **Analyse %**

C	Cr	Ni	Mo
0,025 max.	18 – 19	8 mini.	0,2 max

• **Propriétés physiques**

Masse spécifique (kg/dm<sup>3</sup>) : 7,9

• **Caractéristiques mécaniques à l'état de livraison**

A l'état recuit

Présentation	R N/mm <sup>2</sup>	R 0,002 N/mm <sup>2</sup> min.	A % min.*	
			e > 3 mm	3 ≤ e ≤ 8
Laminé à froid et laminé à chaud	500-600	205	40	45

\*l'allongement de rupture est mesuré sur une éprouvette de traction entre deux repères distants de la longueur l.

l mm = 80 pour e < 3mm  
= 5,65 √So pour 3 ≤ e ≤ 8 mm

Valeur moyenne de la flèche Erichsen à l'emboutissage sur tôle de 1 mm : 11 mm.

**b. Caractéristiques de l'acier inoxydable X2CrNi 18-9**

• **Résistance à la corrosion**

L'acier I2 s'impose dans les milieux à la corrosion intercrystalline n'est pas à craindre.

En effet, l'acier I2 résiste à la corrosion intergranulaire et satisfait notamment aux essais de corrosion en milieu acide sulfurique – sulfate cuivrique suivants : norme AFNOR A 05159 traitements de sensibilisation T1, T2 et T3, ASTM A 262 – 81 E, EURONORM 114-72, instruction 47 d'INDRET traitements de sensibilisation court (R) et normal (N).

L'acier I2 est recommandé dans les milieux suivants :

- Acides oxydants : nitrique, phosphorique, mélange sulfonitriques, acide sulfurique additionné de sels de cuivre ;
- Solutions diluées et froides de la plupart des acides organiques, l'acier NSMC étant recommandé pour les solutions concentrées et chaudes ;
- Solutions alcalines diluées et froides ;
- Solutions salines neutres ou alcalines autres que celles contenant des halogénures (chlorures, fluorures, bromures, iodures).

*Les indications ci-dessus n'ont qu'un caractère général sur le comportement de la nuance dans des milieux le plus souvent exempts d'impuretés.*

*Elles ne peuvent par conséquent, constituer que des points destinés à orienter les utilisateurs en première approximation*

• **Soudage**

L'acier I2 est soudable en faible épaisseur par résistance, par points ou à la molette, à l'arc sous argon sans métal d'apport TIG ou plasma.

En soudage automatique TIG ou plasma, l'emploi d'argon contenant 5% d'hydrogène, ou le mélange argon + hélium, permet d'augmenter sensiblement la vitesse de soudage.

**ACIER INOXYDABLE X2CRNIMO 17-12-2**

**a. Propriétés**

- **Appellation NIEDAX France « I3 » assimilé à 316 L**
- **L'acier I3 est caractérisé pour ses emplois de résistance à la corrosion à froid par :**
  - sa teneur en molybdène qui améliore la résistance à la corrosion dans la plupart des milieux acides et dans les solutions génératrices de piqûres ;
  - sa très bonne résistance à la corrosion intergranulaire qui se conserve sans traitement thermique ultérieur après soudage ou conformation à chaud ; par rapport à sa basse teneur en carbone ;
  - sa grande facilité de soudage ;
  - ses hautes propriétés de ductilité
- **Pour ses emplois aux températures élevées il est caractérisé par :**
  - sa bonne résistance au fluage
  - Sa bonne résistance à l'oxydation

• **Analyse %**

C	Cr	Ni	Mo	Ti/C+N
0,003 max.	16,75 – 17,50	11 – 11,40	2 – 2,20	0

• **Propriétés physiques**

Masse spécifique (kg/dm<sup>3</sup>) : 7,95

• **Caractéristiques mécaniques à l'état de livraison**

A l'état recuit

Présentation	R N/mm <sup>2</sup>	R 0,002 N/mm <sup>2</sup> min.	A % min.*	
			e>3 mm	3≤e≤8
Laminé à froid et laminé à chaud	570-720	270	35	40

\*l'allongement de rupture est mesuré sur une éprouvette de traction entre deux repères distants de la longueur l.

l mm = 80 pour e < 3mm

= 5,65 √So pour 3 ≤ e ≤ 8 mm

Valeur moyenne de la flèche Erichsen à l'emboutissage sur tôle de 1 mm : 11,5 mm.

**b. Caractéristiques de l'acier inoxydable X2CrNiMo 17-12-2**

• **Résistance à la corrosion**

L'acier I3 couvre tous les cas d'utilisation de l'acier 304 L sauf l'acide nitrique concentré à chaud. L'addition en molybdène augmente en outre les domaines d'utilisation.

L'acier I3 est garanti résistant à la corrosion intergranulaire et il satisfait notamment aux essais de corrosion en milieu acide sulfurique – sulfate cuivrique suivant : norme AFNOR A 05159 traitements de sensibilisation T1, T2 et T3, ASTM A 262-81 E, EURONORM 114-72, instruction 47 d'INDRET traitements de sensibilisation court (R) et normal (N).

L'acier 316 L est recommandé dans les milieux suivants :

- Acides oxydant : nitrique (le 304 L est préférable), phosphorique, mélanges sulfonitriques ;
- Acides « réducteur » : sulfurique ;
- Acides organiques ;
- La plupart des produits organiques et pharmaceutiques ;
- Produits alimentaires même chauds : vinaigre, moutarde, produits salés, tous les jus de fruits, vins blancs, conserves de fruit et de confitures, etc, auxquels il ne communique ni goût, ni couleur ;
- Solutions alcalines ;

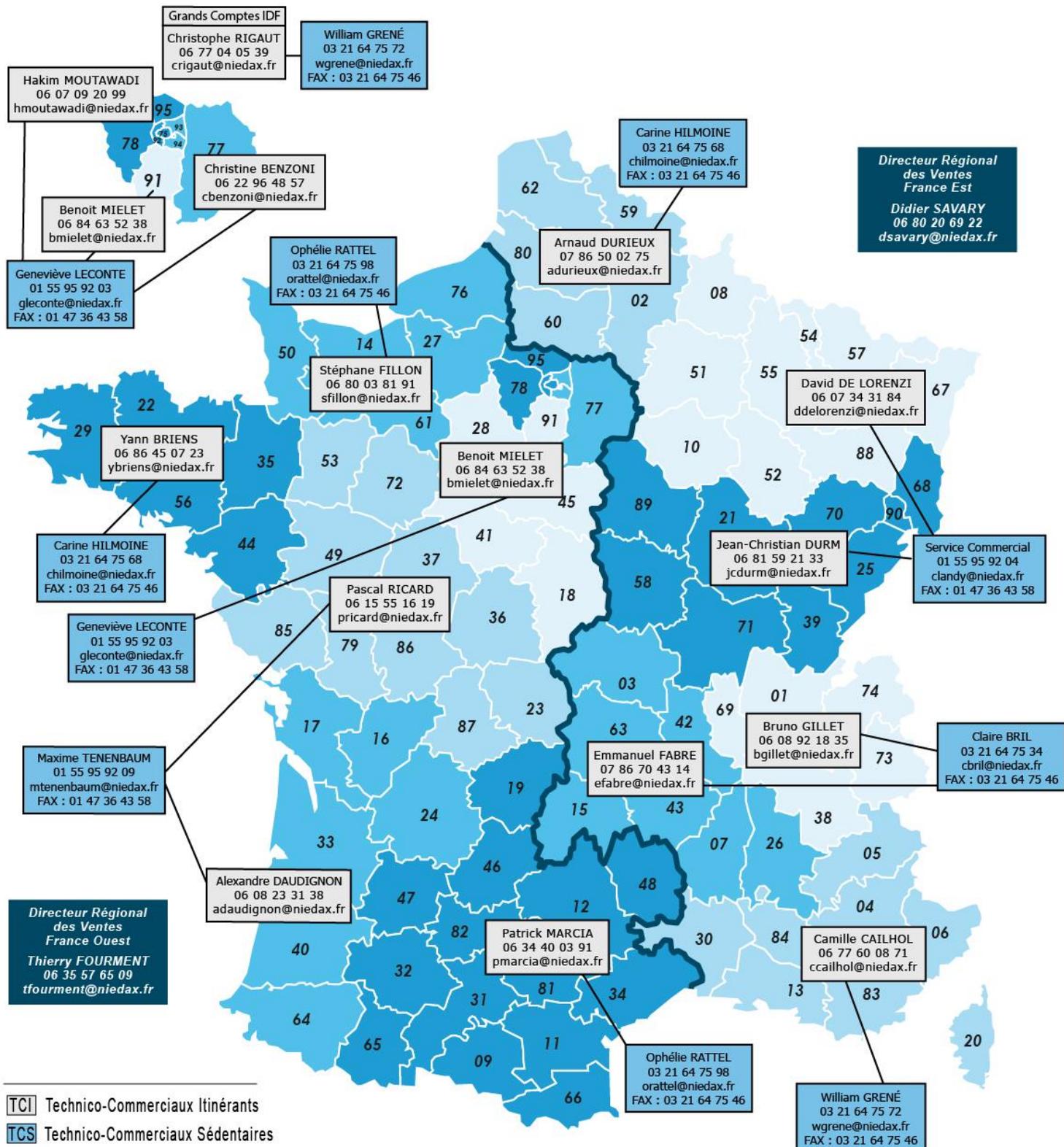
- Solutions salines, même légèrement acides autres que celles contenant des halogénures (chlorures, fluores, bromures, iodures) ;
- Solutions chaudes halogénées alcalines à faible concentration et saumures froides à pH L 8 ;
- Atmosphères marines : un nettoyage périodique des surfaces extérieures permet de maintenir l'aspect d'origine ;
- Eau de mer froide

Les indications ci-dessus n'ont qu'un caractère général sur le comportement de la nuance dans des milieux le plus souvent exempts d'impuretés. Elles ne peuvent, par conséquent, constituer que des points destinés à orienter les utilisateurs en première approximation.

• **Soudage**

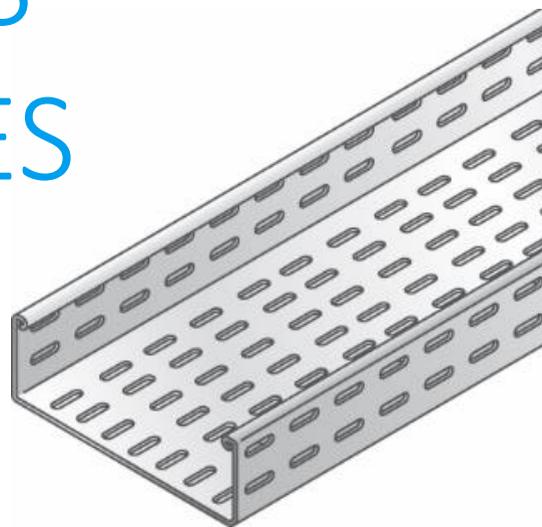
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En soudage automatique TIG ou plasma, l'emploi d'argon contenant 5% d'hydrogène, ou le mélange argon + hélium, permet d'augmenter sensiblement la vitesse de soudage.



**TCI** Technico-Commerciaux Itinérants  
**TCS** Technico-Commerciaux Sédentaires

# SYSTÈMES DE DALLES PERFOREES

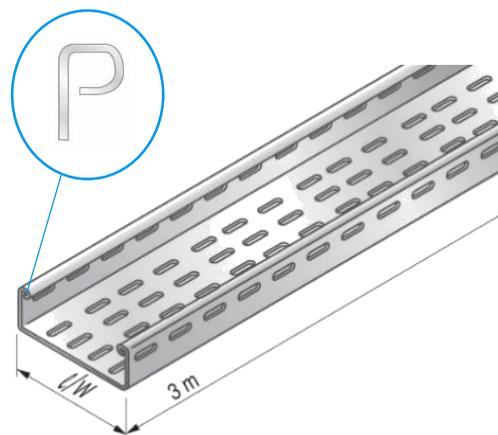


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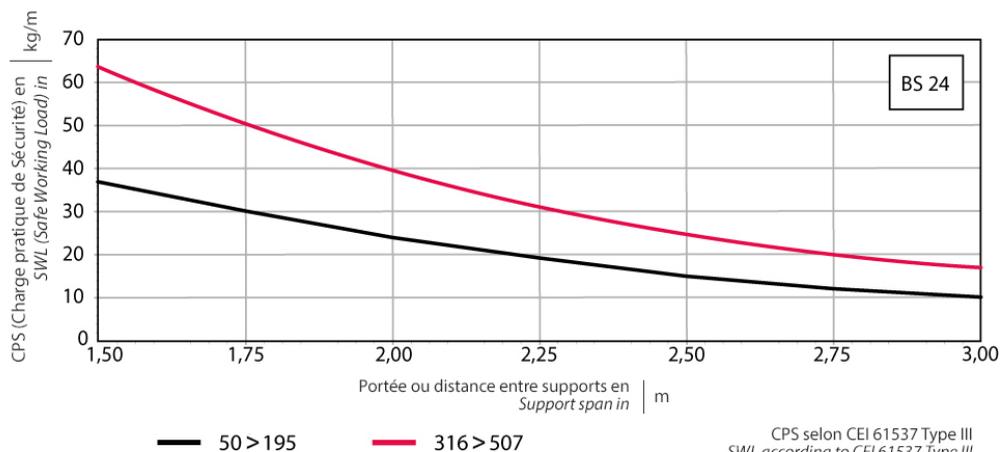
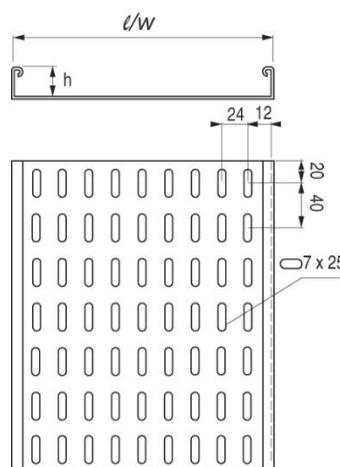
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

**DALLES BS H24**

	 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3	BS 24x50 I2	<b>407001</b>	0.80	25	48	0.640
	3	BS 24x75 I2	<b>407002</b>	0.80	25	72	0.770
	3	BS 24x100 I2	<b>407003</b>	0.80	25	96	0.890
	3	BS 24x123 I2	<b>407004</b>	0.80	25	120	1.020
	3	BS 24x147 I2	<b>407005</b>	0.80	25	144	1.150
	3	BS 24x195 I2	<b>407007</b>	0.80	25	192	1.400
	3	BS 24x316 I2	<b>407010</b>	1.00	25	312	2.550
	3	BS 24x412 I2	<b>407012</b>	1.20	25	408	3.820



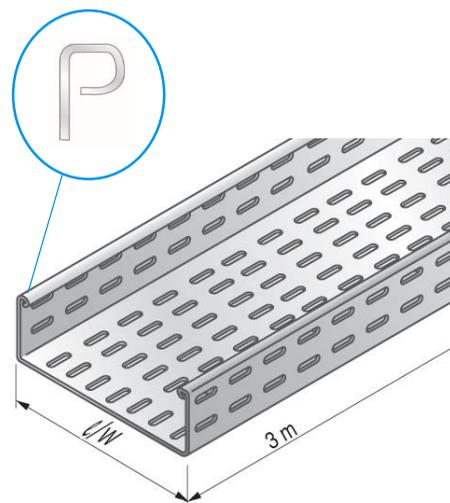
	 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3	BS 24x50 I3	<b>409001</b>	0.80	25	48	0.637
	3	BS 24x75 I3	<b>409002</b>	0.80	25	72	0.764
	3	BS 24x100 I3	<b>409003</b>	0.80	25	96	0.892
	3	BS 24x123 I3	<b>409004</b>	0.80	25	120	1.020
	3	BS 24x147 I3	<b>409005</b>	0.80	25	144	1.147
	3	BS 24x195 I3	<b>409007</b>	0.80	25	192	1.402
	3	BS 24x316 I3	<b>409010</b>	1.00	25	312	2.550
	3	BS 24x412 I3	<b>409012</b>	1.20	25	408	3.820
	3	BS 24x507 I3	<b>409014</b>	1.20	25	504	4.590



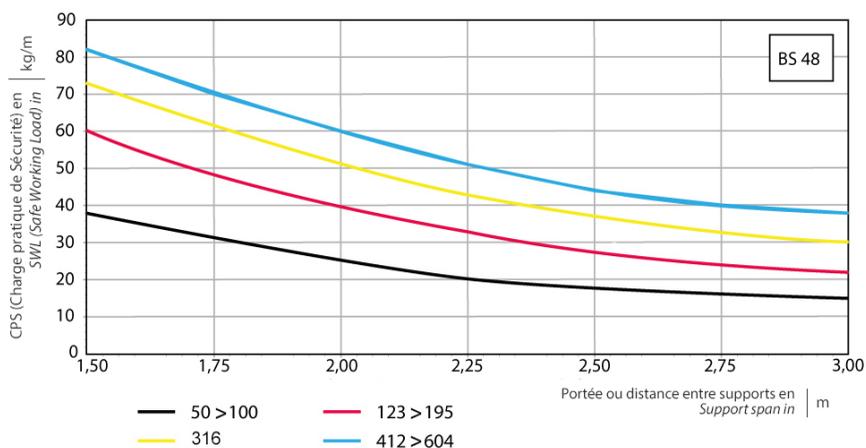
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

**DALLES BS H48**

		Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	m						
	3	BS 48x50 I2	<b>407015</b>	0.80	49	48	0.890
	3	BS 48x75 I2	<b>407016</b>	0.80	49	72	1.020
	3	BS 48x100 I2	<b>407017</b>	0.80	49	96	1.150
	3	BS 48x123 I2	<b>407018</b>	0.80	49	120	1.280
	3	BS 48x147 I2	<b>407019</b>	0.80	49	144	1.400
	3	BS 48x195 I2	<b>407021</b>	0.80	49	192	1.660
	3	BS 48x316 I2	<b>407024</b>	1.00	49	312	2.870
	3	BS 48x412 I2	<b>407026</b>	1.20	49	408	4.210
	3	BS 48x507 I2	<b>407028</b>	1.20	49	504	4.970
	3	BS 48x604 I2	<b>407057</b>	1.20	49	600	5.740



		Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	m						
	3	BS 48x50 I3	<b>409015</b>	0.80	49	48	0.892
	3	BS 48x75 I3	<b>409016</b>	0.80	49	72	1.019
	3	BS 48x100 I3	<b>409017</b>	0.80	49	96	1.147
	3	BS 48x123 I3	<b>409018</b>	0.80	49	120	1.370
	3	BS 48x147 I3	<b>409019</b>	0.80	49	144	1.402
	3	BS 48x195 I3	<b>409021</b>	0.80	49	192	1.657
	3	BS 48x316 I3	<b>409024</b>	1.00	49	312	2.868
	3	BS 48x412 I3	<b>409026</b>	1.20	49	408	4.207
	3	BS 48x507 I3	<b>409028</b>	1.20	49	504	4.972
	3	BS 48x604 I3	<b>409057</b>	1.20	49	600	5.740

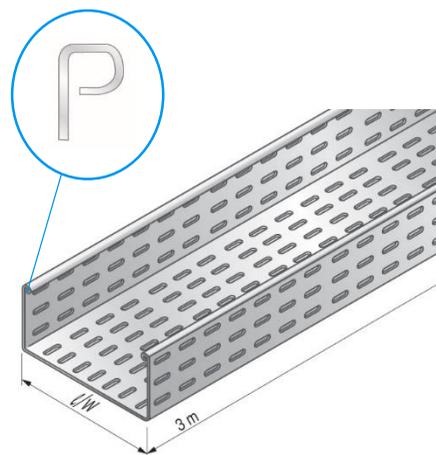


CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

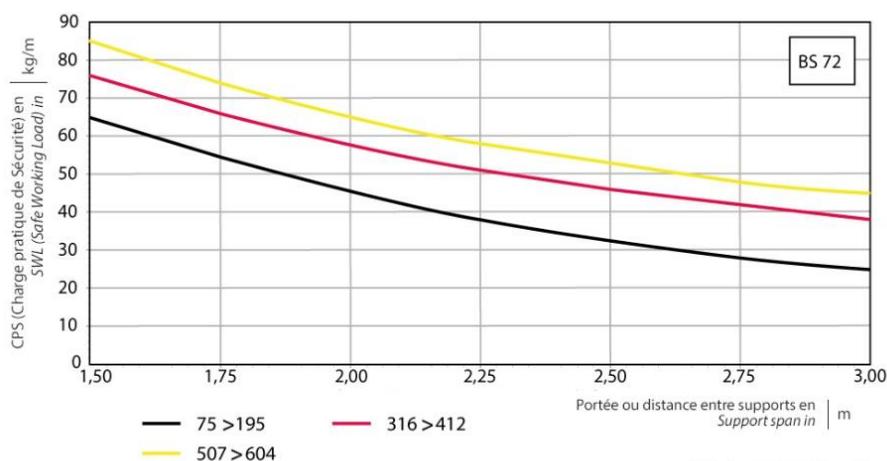
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

**DALLES BS H72**

	 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3	BS 72x75 I2	<b>407029</b>	0.80	73	72	1.270
	3	BS 72x100 I2	<b>407030</b>	0.80	73	96	1.400
	3	BS 72x123 I2	<b>407031</b>	0.80	73	120	1.530
	3	BS 72x147 I2	<b>407032</b>	0.80	73	144	1.660
	3	BS 72x195 I2	<b>407034</b>	0.80	73	192	1.910
	3	BS 72x316 I2	<b>407037</b>	1.00	73	312	3.190
	3	BS 72x412 I2	<b>407039</b>	1.20	73	408	4.590
	3	BS 72x507 I2	<b>407041</b>	1.20	73	504	5.350
	3	BS 72x604 I2	<b>407058</b>	1.20	73	600	6.120



	 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3	BS 72x75 I3	<b>409029</b>	0.80	73	72	1.270
	3	BS 72x100 I3	<b>409030</b>	0.80	73	96	1.400
	3	BS 72x123 I3	<b>409031</b>	0.80	73	120	1.530
	3	BS 72x147 I3	<b>409032</b>	0.80	73	144	1.657
	3	BS 72x195 I3	<b>409034</b>	0.80	73	192	1.910
	3	BS 72x316 I3	<b>409037</b>	1.00	73	312	3.187
	3	BS 72x412 I3	<b>409039</b>	1.20	73	408	4.590
	3	BS 72x507 I3	<b>409041</b>	1.20	73	504	5.350
	3	BS 72x604 I3	<b>409058</b>	1.20	73	600	6.120



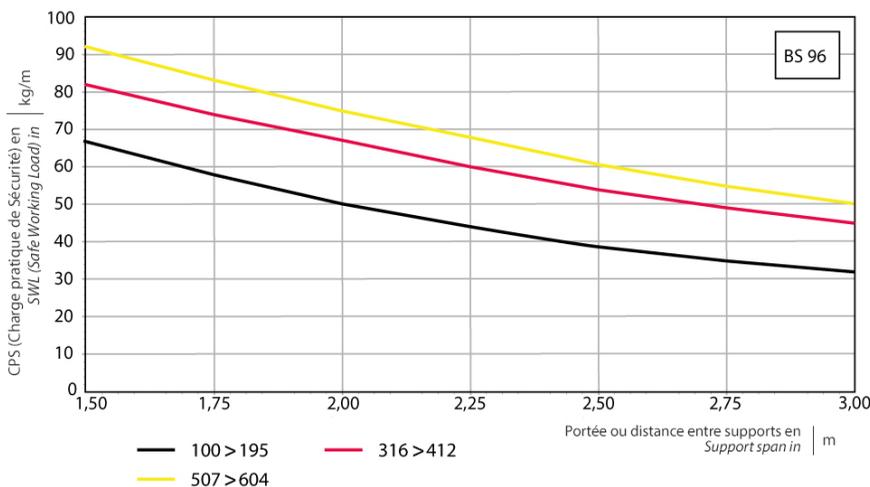
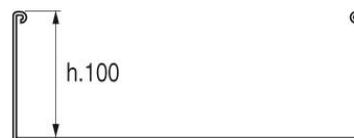
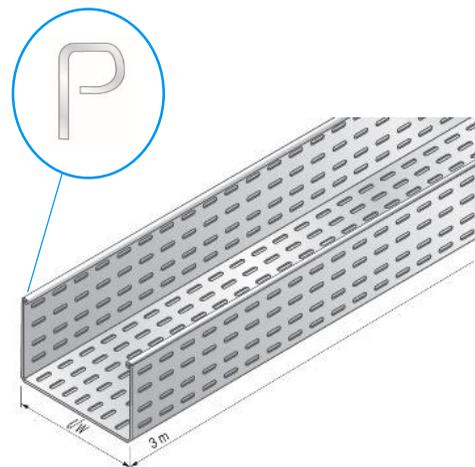
CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

**DALLES BS H96**

 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3 BS 96x100 I2	<b>407042</b>	0.80	97	96	1.660
	3 BS 96x147 I2	<b>407044</b>	0.80	97	144	1.910
	3 BS 96x195 I2	<b>407046</b>	0.80	97	192	2.170
	3 BS 96x316 I2	<b>407049</b>	1.00	97	312	3.510
	3 BS 96x412 I2	<b>407051</b>	1.20	97	408	4.970
	3 BS 96x507 I2	<b>407053</b>	1.20	97	504	5.740
	3 BS 96x604 I2	<b>407069</b>	1.20	97	600	6.500

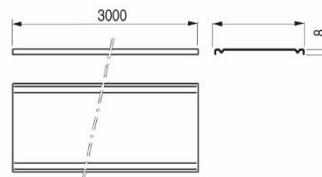
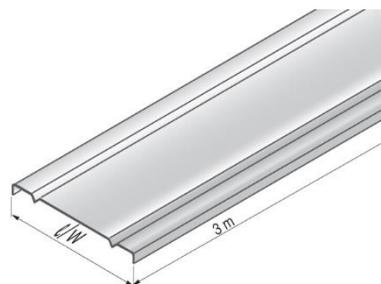
 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3 BS 96x100 I3	<b>409042</b>	0.80	97	96	1.660
	3 BS 96x123 I3	<b>409043</b>	0.80	97	120	1.780
	3 BS 96x147 I3	<b>409044</b>	0.80	97	144	1.910
	3 BS 96x195 I3	<b>409046</b>	0.80	97	192	3.250
	3 BS 96x316 I3	<b>409049</b>	1.00	97	312	3.510
	3 BS 96x412 I3	<b>409051</b>	1.20	97	408	4.970
	3 BS 96x507 I3	<b>409053</b>	1.20	97	504	5.740
	3 BS 96x604 I3	<b>409069</b>	1.20	97	600	6.500



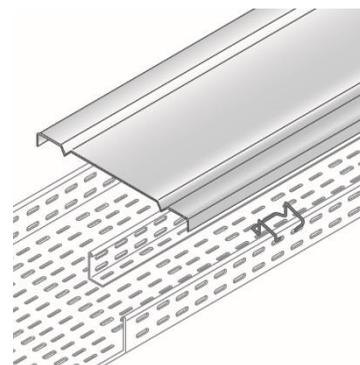
CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

**COUVERCLE NERVURÉS**

	 m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
<b>I2</b>	3	CO NERV 50 I2	<b>417001</b>	0.80	50	0.436
	3	CO NERV 75 I2	<b>417002</b>	0.80	75	0.581
	3	CO NERV 100 I2	<b>417003</b>	0.80	100	0.733
	3	CO NERV 123 I2	<b>417004</b>	0.80	123	0.885
	3	CO NERV 147 I2	<b>417005</b>	0.80	147	1.036
	3	CO NERV 195 I2	<b>417007</b>	0.80	195	1.340
	3	CO NERV 316 I2	<b>417010</b>	0.80	316	2.105
	3	CO NERV 412 I2	<b>417012</b>	1.00	412	3.381
	3	CO NERV 507 I2	<b>417016</b>	1.00	507	4.140
	3	CO NERV 604 I2	<b>417018</b>	1.00	604	4.898



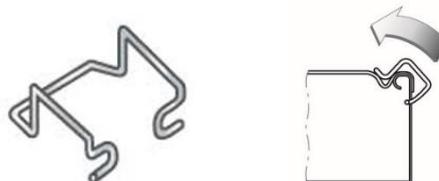
	 m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
<b>I3</b>	3	CO NERV 50 I3	<b>418001</b>	0.80	50	0.439
	3	CO NERV 75 I3	<b>418002</b>	0.80	75	0.585
	3	CO NERV 100 I3	<b>418003</b>	0.80	100	0.740
	3	CO NERV 123 I3	<b>418004</b>	0.80	123	0.890
	3	CO NERV 147 I3	<b>418005</b>	0.80	147	1.088
	3	CO NERV 195 I3	<b>418007</b>	0.80	195	1.350
	3	CO NERV 316 I3	<b>418010</b>	0.80	316	2.118
	3	CO NERV 412 I3	<b>418012</b>	1.00	412	3.401
	3	CO NERV 507 I3	<b>418016</b>	1.00	507	4.166
	3	CO NERV 604 I3	<b>418018</b>	1.00	604	4.929



- Compatibles avec les dalles perforées BS et les goulottes GBRS selon dimensions proposées dans chaque gamme.

**CLIPS RS**

	 p	Désignation	Code	Masse kg/100
<b>I</b>	20	CLIPS RS INOX	<b>645024</b>	0.500



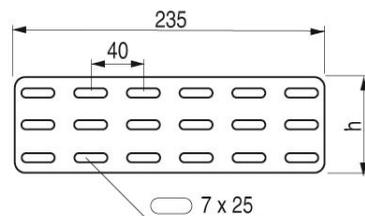
- Compatibles avec les dalles perforées BS, PS, BD, BRP et les goulottes GBRS selon dimensions proposées dans chaque gamme.
- Prévoir 8 clips par longueur de 3m.

### ÉCLISSES PLATES EP

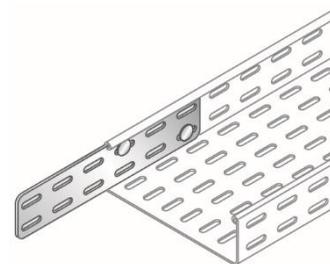
		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50	EP 24 I2	<b>408001</b>	1.00	22	0.032
	50	EP 48 I2	<b>408002</b>	1.00	46	0.069
	50	EP 72 I2	<b>408003</b>	1.00	70	0.106
	50	EP 96 I2	<b>408004</b>	1.00	94	0.142



		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50	EP 24 I3	<b>410001</b>	1.00	22	0.034
	50	EP 48 I3	<b>410002</b>	1.00	46	0.071
	50	EP 72 I3	<b>410003</b>	1.00	70	0.109
	50	EP 96 I3	<b>410004</b>	1.00	94	0.146

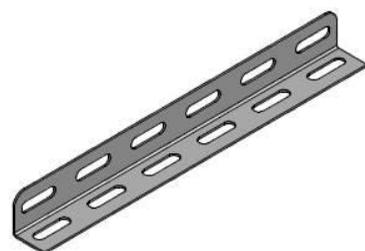


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP.
- Fixation par 4 boulons poêliers TRCC M6x12 par éclipse réf. 529001

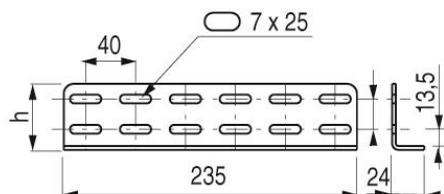


### ÉCLISSES CORNIERE EC

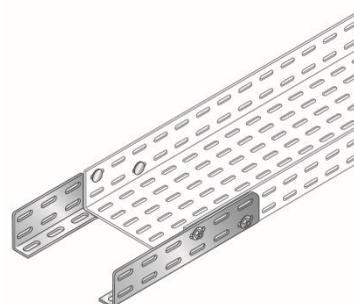
		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50	EC 24 I2	<b>438001</b>	1.00	25	0.070
	50	EC 48 I2	<b>438002</b>	1.00	49	0.110
	50	EC 72 I2	<b>438003</b>	1.00	73	0.210
	50	EC 96 I2	<b>438004</b>	1.00	98	0.250



		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50	EC 24 I3	<b>439001</b>	1.00	25	0.069
	50	EC 48 I3	<b>439002</b>	1.00	49	0.110
	50	EC 72 I3	<b>439003</b>	1.00	73	0.210
	50	EC 96 I3	<b>439004</b>	1.00	98	0.250



- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP.
- Fixation par 4 boulons poêliers TRCC M6x12 par éclipse réf. 529001

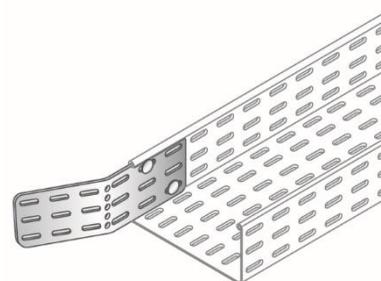
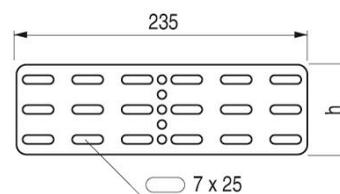
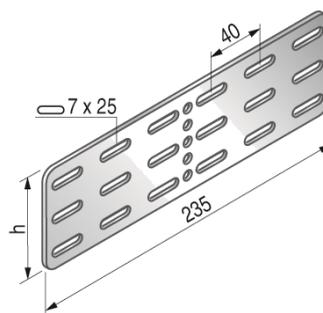


## ÉCLISSES PLIABLES ED

	 p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50	ED 24 I2	<b>408024</b>	1.00	22	0.032
	50	ED 48 I2	<b>408016</b>	1.00	46	0.069
	50	ED 72 I2	<b>408017</b>	1.00	70	0.106
	50	ED 96 I2	<b>408018</b>	1.00	94	0.142

	 p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50	ED 24 I3	<b>410024</b>	1.00	22	0.032
	50	ED 48 I3	<b>410016</b>	1.00	46	0.069
	50	ED 72 I3	<b>410017</b>	1.00	70	0.106
	50	ED 96 I3	<b>410018</b>	1.00	94	0.142

- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, *réf. 529001*

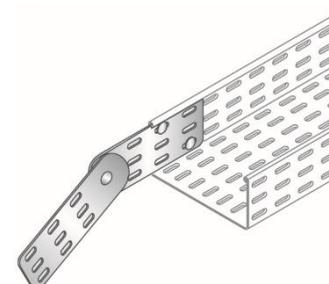
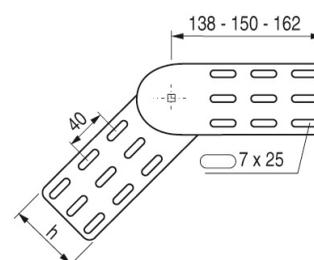
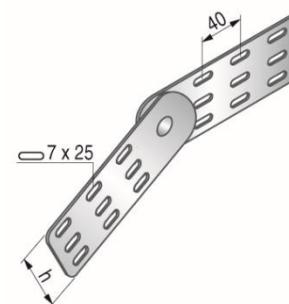


## ÉCLISSES ARTICULÉES EA

	 p	Désignation	Code	H. mm	Masse kg/p
<b>I2</b>	50	EA 24/27 I2	<b>408005</b>	22	0.070
	50	EA 48/51 I2	<b>408006</b>	46	0.150
	50	EA 72/75 I2	<b>408007</b>	70	0.260
	50	EA 96/99 I2	<b>408008</b>	94	0.370

	 p	Désignation	Code	H. mm	Masse kg/p
<b>I3</b>	50	EA 24/27 I3	<b>410005</b>	22	0.070
	50	EA 48/51 I3	<b>410006</b>	46	0.150
	50	EA 72/75 I3	<b>410007</b>	70	0.260
	50	EA 96/99 I3	<b>410008</b>	94	0.370

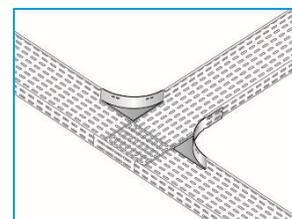
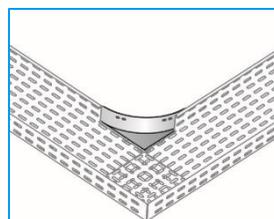
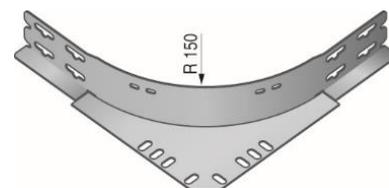
- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, *réf. 529001*



## ÉCLISSES D'ANGLE

		Désignation	Code	Ep. mm	Masse kg/p
<b>I2</b>	p	ECLISSE D ANGLE H 24 I2	<b>424954</b>	1.00	0.200
		ECLISSE D ANGLE H 48 I2	<b>424955</b>	1.00	0.272
		ECLISSE D ANGLE H 72 I2	<b>424956</b>	1.00	0.343
		ECLISSE D ANGLE H 96 I2	<b>424957</b>	1.00	0.414

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	p	ECLISSE D ANGLE H 24 I3	<b>425954</b>	1.00	0.206
		ECLISSE D ANGLE H 48 I3	<b>425955</b>	1.00	0.277
		ECLISSE D ANGLE H 72 I3	<b>425956</b>	1.00	0.343
		ECLISSE D ANGLE H 96 I3	<b>425957</b>	1.00	0.414

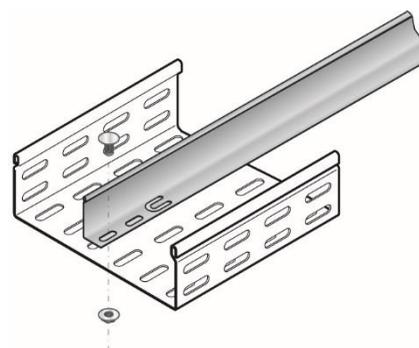
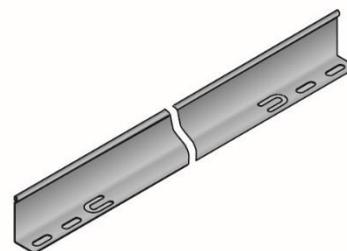


- Éclisses d'angle compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation avec boulons poêliers TRCC M6x12, réf. 529001

## CORNIERES DE SÉPARATION UNIVERSELLES LPSU

		Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I2</b>	m	LPSU 24 I2	<b>549060</b>	0.80	24	0.300
		LPSU 48 I2	<b>549061</b>	0.80	48	0.470
		LPSU 72 I2	<b>549063</b>	0.80	72	0.678
		LPSU 96 I2	<b>549062</b>	0.80	96	0.950

		Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I3</b>	m	LPSU 24 I3	<b>550060</b>	0.80	24	0.300
		LPSU 48 I3	<b>550061</b>	0.80	48	0.510
		LPSU 72 I3	<b>550063</b>	0.80	72	0.678
		LPSU 96 I3	<b>550062</b>	0.80	96	0.810

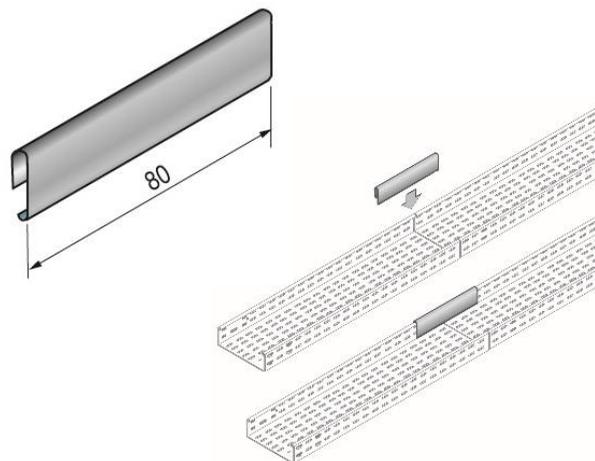


- Compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation avec BP TRCC M6x20, réf 529003 ou Agraftol réf 555160

### JONCTION DE CORNIERE LPSJ

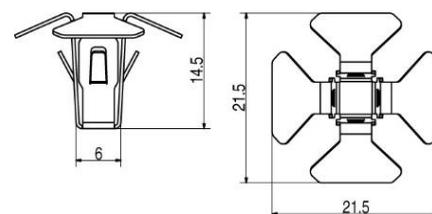
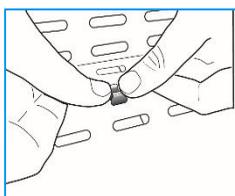
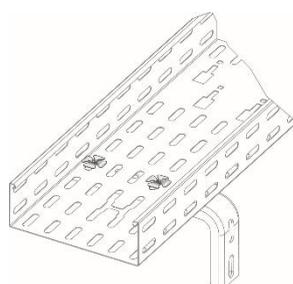
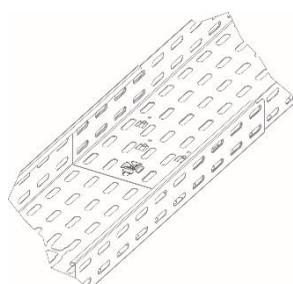
	 p	Désignation	Code	Masse kg/p
<b>I2</b>	25	LPSJ I2	554143	0.014

- Compatibles avec les cornières de séparation LPS et LPSU



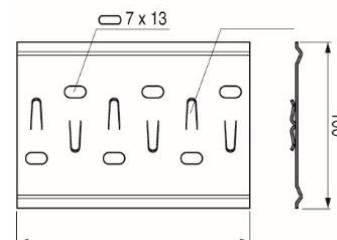
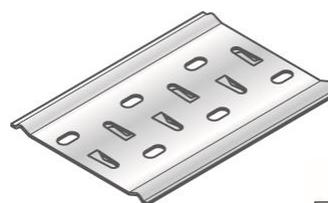
### AGRAFTOL

	 p	Désignation	Code	Masse kg/p
<b>I</b>	50	AGRAFTOL INOX	555160	0.002

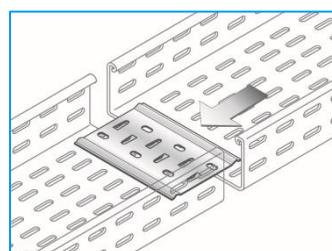


### JONCTIONS DE FOND

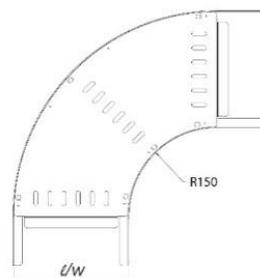
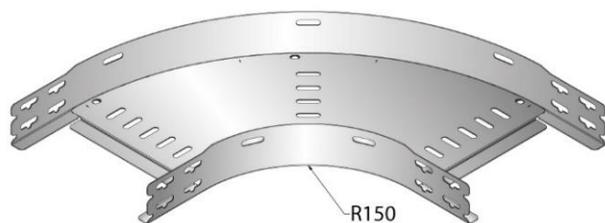
	 p	Désignation	Code	Ep. mm	l. mm	Masse kg/p
<b>I3</b>	1	JDF 100 I3	410062	1.00	90	0.070
	1	JDF 147 I3	410063	1.00	138	0.130
	1	JDF 195 I3	410064	1.00	186	0.140
	1	JDF 316 I3	410065	1.00	306	0.280
	1	JDF 507 I3	410067	1.00	498	0.390



- Compatibles avec les dalles perforées BS, BSTE, BD



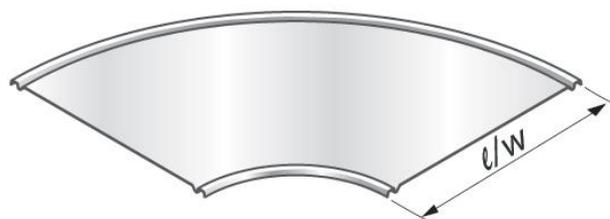
**ELEMENTS DE RACCORDEMENT - VIRAGES 90°**



Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	200449	0.357	425275	0.357	424276	0.515	425276	0.515								
75	424280	0.441	425280	0.441	424281	0.606	425281	0.606	424282	0.772	425282	0.772				
100	424285	0.527	425285	0.527	424286	0.699	425286	0.699	424287	0.872	425287	0.872	424288	1.045	425288	1.045
123			425290	0.621	424291	0.800	425291	0.800	424292	0.980	425292	0.980			425293	1.160
147	424295	0.722	425295	0.722	424296	0.909	425296	0.909	424297	1.097	425297	1.097	424298	1.284	425298	1.284
195	424305	0.947	425305	0.947	424306	1.147	425306	1.147	424307	1.350	425307	1.350	424308	1.551	425308	1.551
316	424320	1.634	425320	1.634	424321	1.871	425321	1.871	424322	2.109	425322	2.109	424323	2.347	425323	2.347
412	424330	2.309	425330	2.309	424331	2.576	425331	2.576	424332	2.843	425332	2.843	424333	3.109	425333	3.109
507			425350	3.104	424351	3.400	425351	3.400	424352	3.696	425352	3.696	424353	3.991	425353	3.991
604					424626	4.342	425626	4.342			425627	4.666			425628	4.991

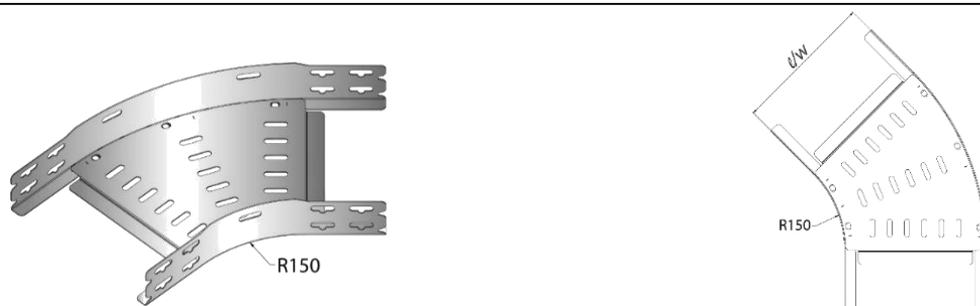
**COUVERCLE NERVURÉS POUR VIRAGE 90°**

		Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V90 NERV 50 I2	424279	0.80	0.180
	1	CO V90 NERV 75 I2	424284	0.80	0.250
	1	CO V90 NERV 100 I2	424289	0.80	0.327
	1	CO V90 NERV 123 I2	424294	0.80	0.420
	1	CO V90 NERV 147 I2	424299	0.80	0.504
	1	CO V90 NERV 195 I2	424309	0.80	0.710
	1	CO V90 NERV 316 I2	424324	0.80	1.300
	1	CO V90 NERV 412 I2	424334	0.80	1.998
	1	CO V90 NERV 507 I2	424354	0.80	2.760
	1	CO V90 NERV 604 I2	424629	0.80	3.640



		Désignation	Code	Ep. mm	Masse kg/p
I3	1	CO V90 NERV 50 I3	425279	0.80	0.190
	1	CO V90 NERV 75 I3	425284	0.80	0.250
	1	CO V90 NERV 100 I3	425289	0.80	0.327
	1	CO V90 NERV 123 I3	425294	0.80	0.412
	1	CO V90 NERV 147 I3	425299	0.80	0.504
	1	CO V90 NERV 195 I3	425309	0.80	0.710
	1	CO V90 NERV 316 I3	425324	0.80	1.352
	1	CO V90 NERV 412 I3	425334	0.80	1.998
	1	CO V90 NERV 507 I3	425354	0.80	2.760
	1	CO V90 NERV 604 I3	425629	0.80	3.640

ELEMENTS DE RACCORDEMENT - VIRAGES 135°

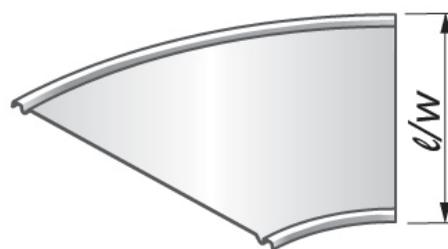


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425630	0.220	424631	0.319	425631	0.319								
75			425360	0.266	424361	0.375	425361	0.375			425362	0.484				
100			425365	0.310	424366	0.423	425366	0.423			425367	0.536	424368	0.648	425368	0.648
123			425370	0.360			425371	0.477	424372	0.593	425372	0.593			425373	0.709
147			425375	0.412	424376	0.532	425376	0.532			425377	0.652	424378	0.772	425378	0.772
195			425385	0.527	424386	0.655	425386	0.655	424387	0.782	425387	0.782	424388	0.908	425388	0.908
316	424400	0.880	425400	0.880	424401	1.025	425401	1.025	424402	1.171	425402	1.171	424403	1.315	425403	1.315
412			425410	1.228	424411	1.387	425411	1.387			425412	1.547			425413	1.706
507			425430	1.633	424431	1.570	425431	1.570			425432	1.982			425433	2.155
604							425441	2.287			425442	2.476			425443	2.663

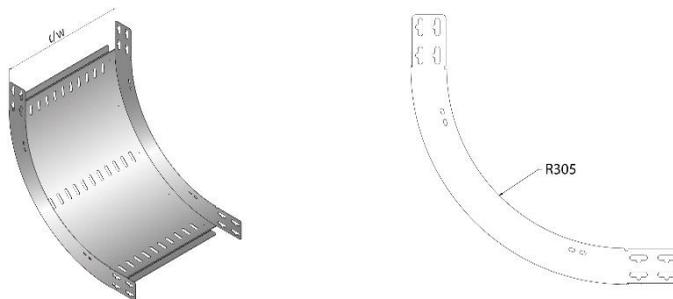
COUVERCLE NERVURÉS POUR VIRAGE 135°

		Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V135 NERV 50 I2	424632	0.80	0.090
	1	CO V135 NERV 75 I2	424364	0.80	0.125
	1	CO V135 NERV 100 I2	424369	0.80	0.164
	1	CO V135 NERV 147 I2	424379	0.80	0.252
	1	CO V135 NERV 195 I2	424389	0.80	0.355
	1	CO V135 NERV 316 I2	424404	0.80	0.676
	1	CO V135 NERV 412 I2	424414	0.80	1.000
	1	CO V135 NERV 507 I2	424434	0.80	1.380

		Désignation	Code	Ep. mm	Masse kg/p
I3	1	CO V135 NERV 50 I3	425632	0.80	0.090
	1	CO V135 NERV 75 I3	425364	0.80	0.125
	1	CO V135 NERV 100 I3	425369	0.80	0.164
	1	CO V135 NERV 123 I3	425374	0.80	0.206
	1	CO V135 NERV 147 I3	425379	0.80	0.252
	1	CO V135 NERV 195 I3	425389	0.80	0.355
	1	CO V135 NERV 316 I3	425404	0.80	0.676
	1	CO V135 NERV 412 I3	425414	0.80	1.000
	1	CO V135 NERV 507 I3	425434	0.80	1.380
	1	CO V135 NERV 604 I3	425444	0.80	1.820

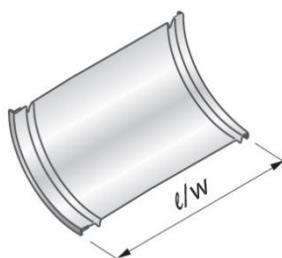


**ELEMENTS DE RACCORDEMENT - CONCAVES**



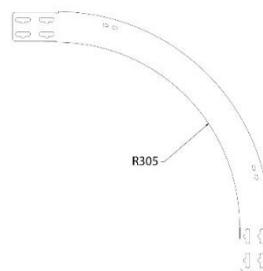
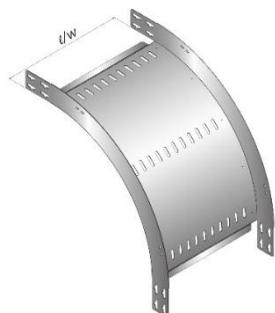
Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	424445	0.549	425445	0.549	424446	0.757	425446	0.756								
75			425450	0.649	424451	0.857	425451	0.857	424452	1.049	425452	1.049				
100	424455	0.745	425455	0.745	424456	0.953	425456	0.953	424457	1.145	425457	1.145	424458	1.323	425458	1.323
123			425460	0.841	424461	1.048	425461	1.048	424462	1.240	425462	1.240			425463	1.418
147	424465	0.937	425465	0.937	424466	1.145	425466	1.145	424467	1.337	425467	1.337	424468	1.515	425468	1.515
195	424475	1.129	425475	1.129	424476	1.336	425476	1.336	424477	1.528	425477	1.528	424478	1.706	425478	1.706
316	424490	1.609	425490	1.609	424491	1.816	425491	1.816	424492	2.008	425492	2.008	424493	2.187	425493	2.187
412			425500	1.993	424501	2.200	425501	2.200	424502	2.392	425502	2.392	424503	2.570	425503	2.570
507			425520	2.377	424521	2.584	425521	2.584	424522	2.776	425522	2.776	424523	2.955	425523	2.955
604					424531	2.968	425531	2.968	424532	3.161	425532	3.161			425533	3.338

**COUVERCLES NERVURÉS POUR CONCAVE**



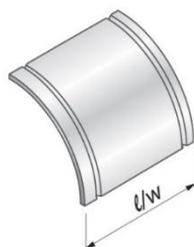
Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	424449	0.259	425449	0.259	424832	0.237	425832	0.237			954099	0.222				
75	424454	0.340	425454	0.340	424833	0.311	425833	0.311	424850	0.281	425850	0.281				
100	424459	0.421	425459	0.421	424834	0.384	425834	0.384	203337	0.348	425851	0.348	424867	0.312	303370	0.312
123	424464	0.509	425464	0.509	424835	0.465	303303	0.465	203338	0.421	425852	0.421	424868	0.378	303371	0.378
147	424469	0.593	425469	0.593	424836	0.542	425836	0.542	424853	0.490	425853	0.490	203372	0.440	425869	0.440
195	424479	0.762	425479	0.762	424838	0.696	425838	0.696	424855	0.630	425855	0.630	424871	0.565	425871	0.565
316	424494	1.187	425494	1.187	424841	1.084	425841	1.084	424858	0.981	425858	0.981	424874	0.881	303377	0.881
412	424504	1.520	425504	1.520	424843	1.235	425843	1.389	203346	1.536	425860	1.257	424876	1.129	303379	1.129
507	424524	1.857	425524	1.857	424847	1.697	425847	1.697	424864	1.930	425864	1.536	424880	1.379	303383	1.379
604							303317	2.005			303352	1.815			425882	2.050

**ELEMENTS DE RACCORDEMENT - CONVEXES**



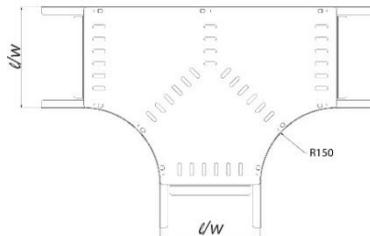
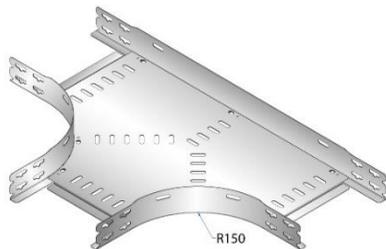
Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	424535	0.562	425535	0.562	424536	0.816	425536	0.816								
75			425540	0.662	424541	0.917	425541	0.917	424542	1.186	425542	1.186				
100	424545	0.759	425545	0.759	424546	1.013	425546	1.013	424547	1.282	425547	1.282	424548	1.564	425548	1.564
123			425550	0.854	424551	1.108	425551	1.108	424552	1.378	425552	1.378	424553	1.659	425553	1.659
147	424555	0.950	425555	0.950	424556	1.174	425556	1.174			425557	1.474	424558	1.756	425558	1.756
195	424565	1.142	425565	1.142	424566	1.444	425566	1.444	424567	1.665	425567	1.665	424568	1.947	425568	1.947
316	424580	1.622	425580	1.622	424581	1.833	425581	1.833	424582	2.145	425582	2.145	200755	2.427	425583	2.427
412			425590	2.006	424591	2.260	425591	2.260	424592	2.529	425592	2.529	424593	2.811	425593	2.811
507			425610	2.390	424611	2.645	425611	2.645	424612	2.913	425612	2.913	424613	3.195	425613	3.195
604					424621	3.028	425621	3.028			425622	3.297	424623	3.579	425623	3.579

**COUVERCLES NERVURÉS POUR CONVEXE**



Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	424539	0.309	425539	0.309	424883	0.332	425883	0.332								
75	424544	0.405	425544	0.405	424884	0.435	425884	0.435	424901	0.464	425901	0.464				
100	424549	0.502	425549	0.502	424885	0.538	425885	0.538	203354	0.575	425902	0.575	424918	0.610	425918	0.610
123	424554	0.606	425554	0.606	203321	0.650	303321	0.650	203355	0.694	425903	0.694	424919	0.737	303387	0.737
147	424559	0.707	425559	0.707	424887	0.758	425887	0.758	424904	0.809	425904	0.809	424920	0.859	425920	0.859
195	424569	0.907	425569	0.907	424889	0.973	425889	0.973	424906	1.039	425906	1.039	424922	1.100	425922	1.104
316	424584	1.414	425584	1.414	424892	1.516	425892	1.516	424909	1.619	425909	1.619	203393	1.719	303393	1.719
412	424594	1.811	425594	1.811	424894	1.943	425894	1.943	203363	2.074	425911	2.074	424927	1.958	303395	2.203
507	424614	2.213	425614	2.213	424898	2.374	425898	2.374	424915	2.534	425915	2.534	424931	3.390	303399	2.691
604							303335	2.820			303369	2.994	424933	4.000	425933	4.000

**ELEMENTS DE RACCORDEMENT - TES**

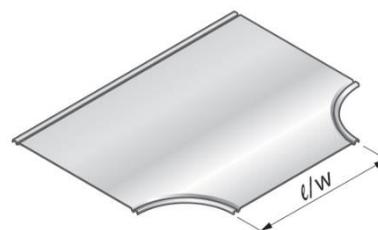


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425095	0.646	424096	0.882	425096	0.882								
75	424100	0.661	425100	0.774	424101	1.014	425101	1.014			425102	1.254				
100			425105	0.906	424106	1.151	425106	1.151	424107	1.396	425107	1.396	424108	1.641	425108	1.641
123			425110	1.045	424111	1.295	425111	1.295			425112	1.544	424113	1.794	425113	1.794
147	424115	1.193	425115	1.193	424116	1.447	425116	1.447	424117	1.701	425117	1.701	424118	1.955	425118	1.955
195			425125	1.519	424126	1.782	425126	1.782	424127	2.045	425127	2.045	424128	2.308	425128	2.308
316	424140	2.491	425140	2.491	424141	2.777	425141	2.777	424142	3.063	425142	3.063	424143	3.349	425143	3.349
412	424150	3.429	425150	3.429	424151	3.734	425151	3.734			425152	4.039	424153	4.343	425153	4.343
507			425170	4.514			425171	4.837	424172	5.160	425172	5.160			425173	5.483
604					424181	6.087	425181	6.087			425182	6.429			425183	6.770

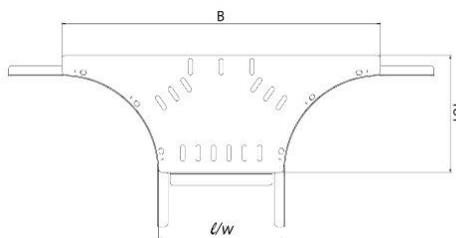
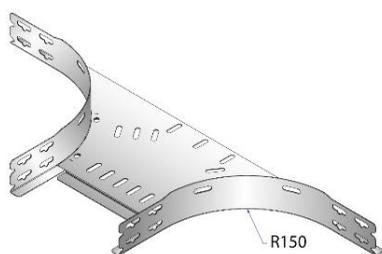
**COUVERCLES NERVURÉS POUR TE**

		Désignation	Code	Masse kg/p
<b>I2</b>	1	CO TE NERV 50 I2	424099	0.389
	1	CO TE NERV 75 I2	424104	0.505
	1	CO TE NERV 100 I2	424109	0.630
	1	CO TE NERV 147 I2	424119	0.909
	1	CO TE NERV 195 I2	424129	1.224
	1	CO TE NERV 316 I2	424144	2.176
	1	CO TE NERV 412 I2	424154	3.105
	1	CO TE NERV 507 I2	424174	4.184
	1	CO TE NERV 604 I2	424184	5.411

		Désignation	Code	Masse kg/p
<b>I3</b>	1	CO TE NERV 50 I3	425099	0.389
	1	CO TE NERV 75 I3	425104	0.505
	1	CO TE NERV 100 I3	425109	0.630
	1	CO TE NERV 123 I3	425114	0.765
	1	CO TE NERV 147 I3	425119	0.909
	1	CO TE NERV 195 I3	425129	1.224
	1	CO TE NERV 316 I3	425144	2.176
	1	CO TE NERV 412 I3	425154	3.105
	1	CO TE NERV 507 I3	425174	4.184
	1	CO TE NERV 604 I3	425184	5.411



ELEMENTS DE RACCORDEMENT - SORTIES LATÉRALES

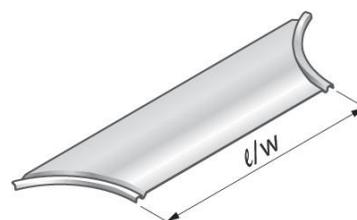


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425185	0.436	424186	0.578	425186	0.578								
75			425190	0.472	424191	0.614	425191	0.614	424192	0.756	425192	0.756				
100	424195	0.508	425195	0.508	424196	0.650	425196	0.650	424197	0.792	425197	0.792	424198	0.934	425198	0.934
123			425200	0.543	424201	0.685	425201	0.685	424202	0.827	425202	0.827			425203	0.969
147			425205	0.579	424206	0.721	425206	0.721	424207	0.863	425207	0.863			425208	1.005
195			425215	0.652	424216	0.794	425216	0.794			425217	0.936			425218	1.078
316			425230	0.833	424231	0.975	425231	0.975	424232	1.117	425232	1.117	424233	1.259	425233	1.259
412			425240	0.980	424241	1.122	425241	1.122	424242	1.297	425242	1.264	424243	1.406	425243	1.406
507			425260	1.126	424261	1.268	425261	1.268	424262	1.410	425262	1.410	424263	1.552	425263	1.552
604							425271	1.415			425272	1.557			425273	1.699

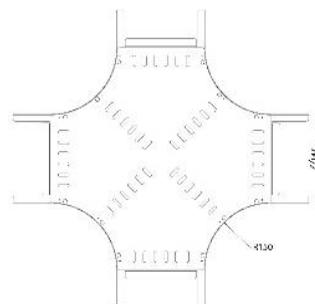
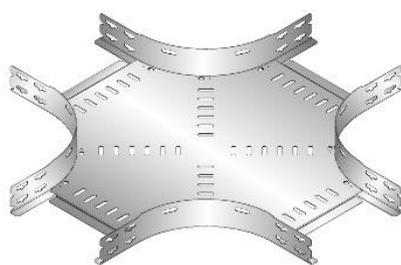
COUVERCLES NERVURÉS POUR SORTIE LATÉRALE

		Désignation	Code	Masse kg/p
I2	1	CO SLT NERV 50 I2	424189	0.179
	1	CO SLT NERV 75 I2	424194	0.208
	1	CO SLT NERV 100 I2	424199	0.237
	1	CO SLT NERV 123 I2	424204	0.266
	1	CO SLT NERV 147 I2	424209	0.300
	1	CO SLT NERV 195 I2	424219	0.360
	1	CO SLT NERV 316 I2	424234	0.451
	1	CO SLT NERV 412 I2	424244	0.512
	1	CO SLT NERV 507 I2	424264	0.634

		Désignation	Code	Masse kg/p
I3	1	CO SLT NERV 50 I3	425189	0.179
	1	CO SLT NERV 75 I3	425194	0.208
	1	CO SLT NERV 100 I3	425199	0.237
	1	CO SLT NERV 123 I3	425204	0.266
	1	CO SLT NERV 147 I3	425209	0.300
	1	CO SLT NERV 195 I3	425219	0.360
	1	CO SLT NERV 316 I3	425234	0.451
	1	CO SLT NERV 412 I3	425244	0.512
	1	CO SLT NERV 507 I3	425264	0.634
	1	CO SLT NERV 604 I3	425274	0.695



**ELEMENTS DE RACCORDEMENT - CROIX**

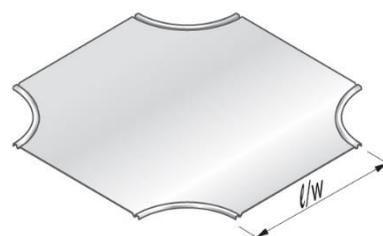


Largeur	Hauteur 24				Hauteur 48				Hauteur 72				Hauteur 96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425001	0.845	424002	1.129	425002	1.129								
75			425006	0.997			425007	1.281			425008	1.565				
100			425011	1.154	424012	1.438	425012	1.438			425013	1.722			425014	2.006
123			425016	1.314			425017	1.598			425018	1.882			425019	2.166
147			425021	1.488			425022	1.772			425023	2.056			425024	2.340
195			425031	1.854	424032	2.138	425032	2.138			425033	2.422			425034	2.706
316	424046	2.932	425046	2.932	424047	3.216	425047	3.216	424048	3.500	425048	3.500			425049	3.784
412			425056	3.957			425057	4.241			425058	4.525			425059	4.809
507			425080	5.128			425081	5.412			425082	5.696			425083	5.980
604							425091	6.727			425092	7.011			425093	7.295

**COUVERCLES NERVURÉS POUR CROIX**

		Désignation	Code	Masse kg/p
I2	1	CO CROIX NERV 100 I2	424015	0.843
	1	CO CROIX NERV 195 I2	424035	1.545
	1	CO CROIX NERV 412 I2	424060	3.667

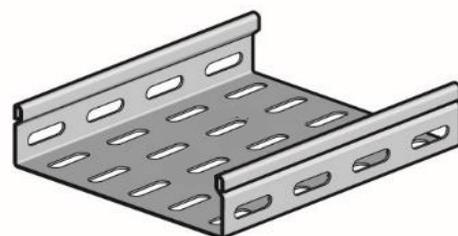
		Désignation	Code	Masse kg/p
I3	1	CO CROIX NERV 50 I3	425005	0.624
	1	CO CROIX NERV 75 I3	425010	0.692
	1	CO CROIX NERV 100 I3	425015	0.843
	1	CO CROIX NERV 123 I3	425020	1.005
	1	CO CROIX NERV 147 I3	425025	1.176
	1	CO CROIX NERV 195 I3	425035	1.545
	1	CO CROIX NERV 316 I3	425050	2.631
	1	CO CROIX NERV 412 I3	425060	3.667
	1	CO CROIX NERV 507 I3	425084	4.852
	1	CO CROIX NERV 604 I3	425094	6.186



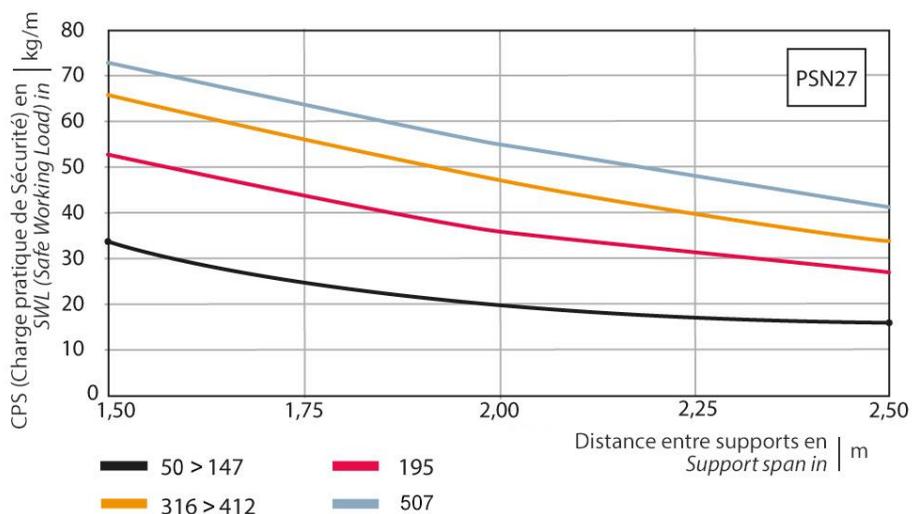
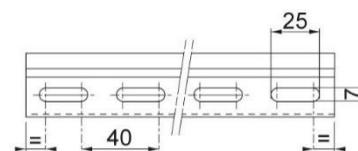
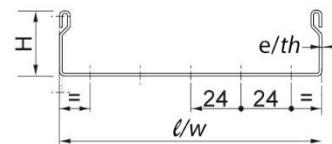
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

**DALLES PS H27**

	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3 PS 27x50 I2	<b>301001</b>	0.80	25	48	0.590
	3 PS 27x75 I2	<b>301002</b>	0.80	25	72	0.720
	3 PS 27x100 I2	<b>301003</b>	0.80	25	96	0.840
	3 PS 27x123 I2	<b>301004</b>	0.80	25	120	0.970
	3 PS 27x147 I2	<b>301005</b>	0.80	25	144	1.100
	3 PS 27x195 I2	<b>301007</b>	0.80	25	192	1.350
	3 PS 27x316 I2	<b>301012</b>	0.80	25	312	1.970
	3 PS 27x412 I2	<b>301016</b>	1.00	25	408	3.100
	3 PS 27x507 I2	<b>301020</b>	1.20	25	504	4.470



	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3 PS 27x50 I3	<b>201001</b>	0.80	27	48	0.600
	3 PS 27x75 I3	<b>201002</b>	0.80	27	72	0.707
	3 PS 27x100 I3	<b>201003</b>	0.80	27	96	0.834
	3 PS 27x123 I3	<b>201004</b>	0.80	27	120	0.980
	3 PS 27x147 I3	<b>201005</b>	0.80	27	144	1.100
	3 PS 27x195 I3	<b>201007</b>	0.80	27	192	1.350
	3 PS 27x316 I3	<b>201012</b>	0.80	27	312	1.990
	3 PS 27x412 I3	<b>201016</b>	1.00	27	408	3.101
	3 PS 27x507 I3	<b>201020</b>	1.20	27	504	4.482

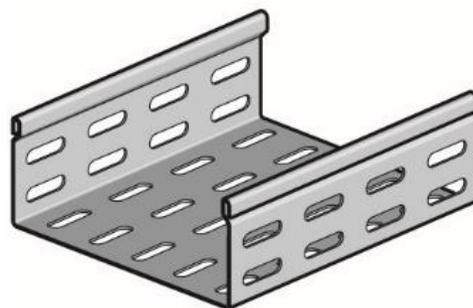


CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

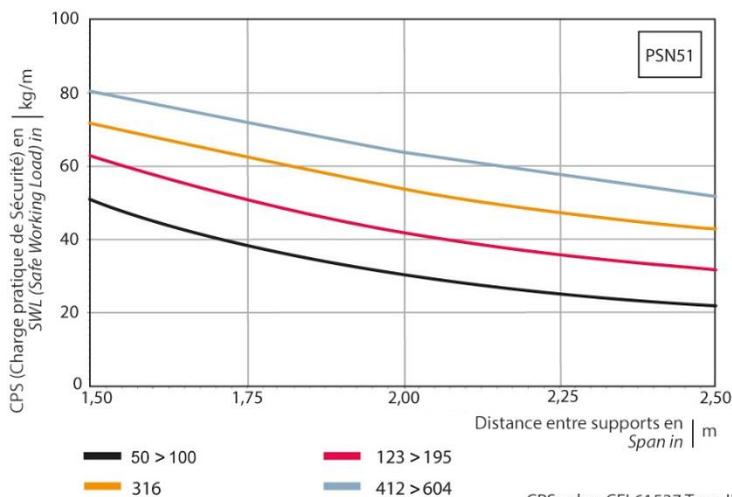
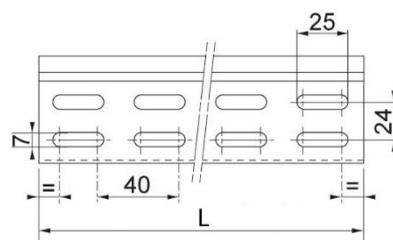
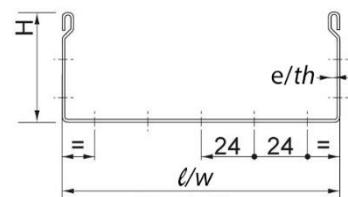
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

**DALLES PS H51**

	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3 PS 51x50 I2	<b>301050</b>	0.80	49	48	0.829
	3 PS 51x75 I2	<b>301051</b>	0.80	49	72	0.970
	3 PS 51x100 I2	<b>301052</b>	0.80	49	96	1.080
	3 PS 51x123 I2	<b>301053</b>	0.80	49	120	1.220
	3 PS 51x147 I2	<b>301054</b>	0.80	49	144	1.330
	3 PS 51x195 I2	<b>301056</b>	0.80	49	192	1.600
	3 PS 51x316 I2	<b>301061</b>	1.00	49	312	2.780
	3 PS 51x412 I2	<b>301065</b>	1.20	49	408	4.090
	3 PS 51x507 I2	<b>301069</b>	1.20	49	504	4.850
	3 PS 51x604 I2	<b>301073</b>	1.20	49	600	5.590



	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3 PS 51x50 I3	<b>201050</b>	0.80	49	48	0.834
	3 PS 51x75 I3	<b>201051</b>	0.80	49	72	0.961
	3 PS 51x100 I3	<b>201052</b>	0.80	49	96	1.087
	3 PS 51x123 I3	<b>201053</b>	0.80	49	120	1.230
	3 PS 51x147 I3	<b>201054</b>	0.80	49	144	1.350
	3 PS 51x195 I3	<b>201056</b>	0.80	49	192	1.594
	3 PS 51x316 I3	<b>201061</b>	1.00	49	312	2.785
	3 PS 51x412 I3	<b>201065</b>	1.20	49	408	4.102
	3 PS 51x507 I3	<b>201069</b>	1.20	49	504	4.880
	3 PS 51x604 I3	<b>201073</b>	1.20	49	600	5.622

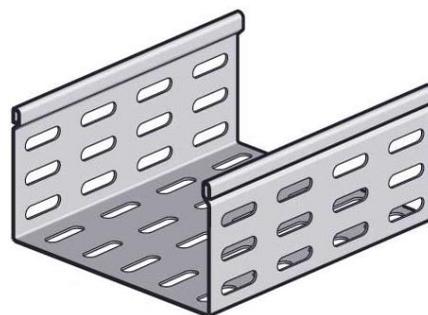


CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

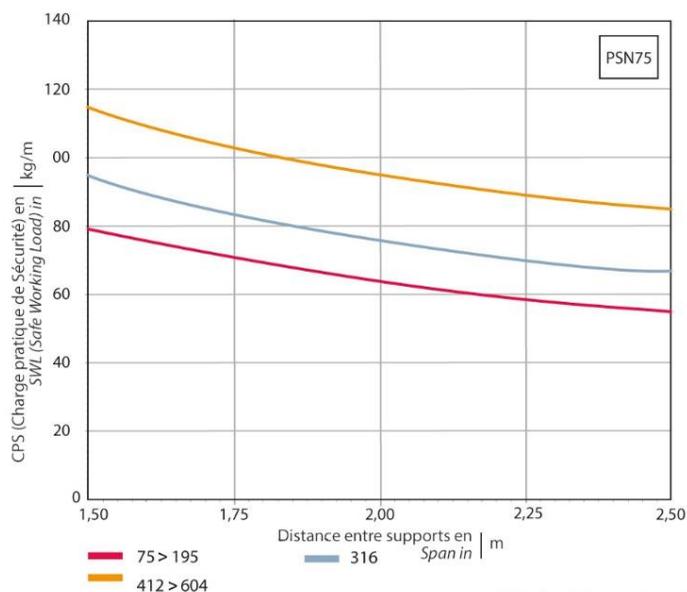
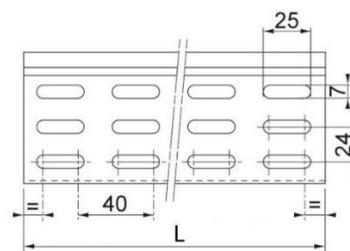
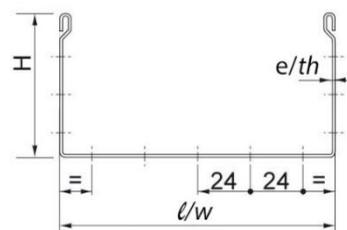
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

**DALLES PS H75**

	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3 PS 75x75 I2	<b>301100</b>	0.80	73	72	1.220
	3 PS 75x100 I2	<b>301101</b>	0.80	73	96	1.350
	3 PS 75x123 I2	<b>301102</b>	0.80	73	120	1.470
	3 PS 75x147 I2	<b>301103</b>	0.80	73	144	1.600
	3 PS 75x195 I2	<b>301105</b>	0.80	73	192	1.836
	3 PS 75x316 I2	<b>301110</b>	1.00	73	312	3.100
	3 PS 75x412 I2	<b>301114</b>	1.20	73	408	4.470
	3 PS 75x507 I2	<b>301118</b>	1.20	73	504	5.220
	3 PS 75x604 I2	<b>301122</b>	1.20	73	600	5.980



	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3 PS 75x75 I3	<b>201100</b>	0.80	73	72	1.214
	3 PS 75x100 I3	<b>201101</b>	0.80	73	96	1.341
	3 PS 75x123 I3	<b>201102</b>	0.80	73	120	1.468
	3 PS 75x147 I3	<b>201103</b>	0.80	73	144	1.594
	3 PS 75x195 I3	<b>201105</b>	0.80	73	192	1.860
	3 PS 75x316 I3	<b>201110</b>	1.00	73	312	3.101
	3 PS 75x412 I3	<b>201114</b>	1.20	73	408	4.500
	3 PS 75x507 I3	<b>201118</b>	1.20	73	504	5.250
	3 PS 75x604 I3	<b>201122</b>	1.20	73	600	6.002

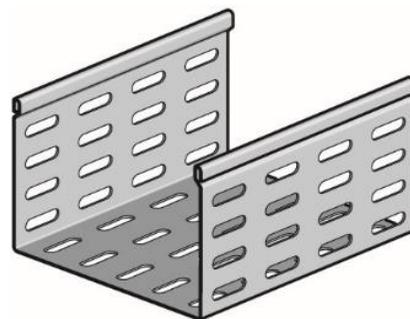


CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

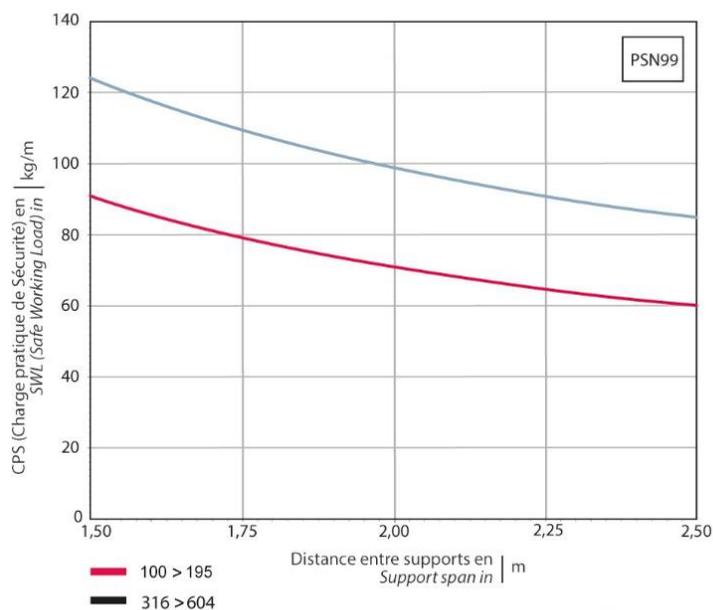
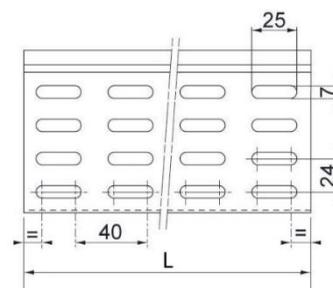
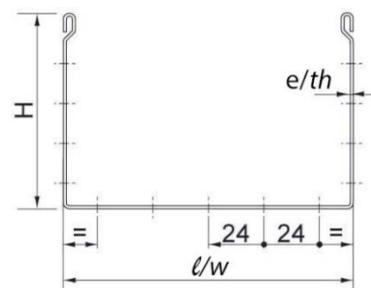
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

**DALLES PS H99**

 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I2</b>	3 PS 99x100 I2	<b>301150</b>	0.80	97	96	1.600
	3 PS 99x123 I2	<b>301151</b>	0.80	97	120	1.720
	3 PS 99x147 I2	<b>301152</b>	0.80	97	144	1.850
	3 PS 99x195 I2	<b>301154</b>	1.00	97	192	2.643
	3 PS 99x316 I2	<b>301159</b>	1.20	97	312	4.090
	3 PS 99x412 I2	<b>301163</b>	1.20	97	407	4.850
	3 PS 99x507 I2	<b>301167</b>	1.20	97	504	5.590
	3 PS 99x604 I2	<b>301171</b>	1.20	97	600	6.360

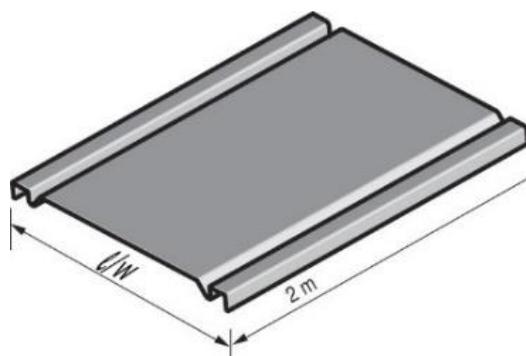


 m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
<b>I3</b>	3 PS 99x100 I3	<b>201150</b>	0.80	97	96	1.610
	3 PS 99x123 I3	<b>201151</b>	0.80	97	120	1.721
	3 PS 99x147 I3	<b>201152</b>	0.80	97	144	1.860
	3 PS 99x195 I3	<b>201154</b>	0.80	97	192	2.110
	3 PS 99x316 I3	<b>201159</b>	1.20	97	312	4.120
	3 PS 99x412 I3	<b>201163</b>	1.20	97	408	4.862
	3 PS 99x507 I3	<b>201167</b>	1.20	97	504	5.622
	3 PS 99x604 I3	<b>201171</b>	1.20	97	600	6.382

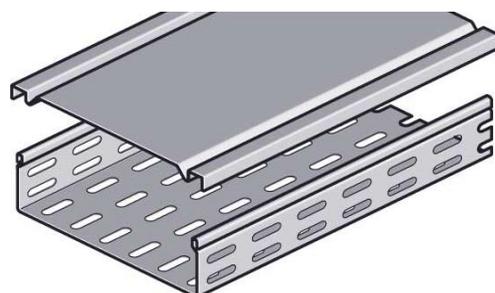


### COUVERCLE CO2

 m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
<b>I2</b>	2 CO2 50 I2	<b>305001</b>	0.80	50	0.460
	2 CO2 75 I2	<b>305002</b>	0.80	75	0.610
	2 CO2 100 I2	<b>305003</b>	0.80	100	0.760
	2 CO2 123 I2	<b>305004</b>	0.80	123	0.910
	2 CO2 147 I2	<b>305005</b>	0.80	147	1.060
	2 CO2 195 I2	<b>305007</b>	0.80	195	1.370
	2 CO2 316 I2	<b>305012</b>	0.80	316	2.120
	2 CO2 412 I2	<b>305016</b>	0.80	412	2.730
	2 CO2 507 I2	<b>305020</b>	0.80	507	3.340
	2 CO2 604 I2	<b>305024</b>	1.00	604	4.930



 m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
<b>I3</b>	2 CO2 50 I3	<b>205201</b>	0.80	50	0.458
	2 CO2 75 I3	<b>205202</b>	0.80	75	0.610
	2 CO2 100 I3	<b>205203</b>	0.80	100	0.763
	2 CO2 123 I3	<b>205204</b>	0.80	123	0.916
	2 CO2 147 I3	<b>205205</b>	0.80	147	1.068
	2 CO2 195 I3	<b>205207</b>	0.80	195	1.374
	2 CO2 316 I3	<b>205212</b>	0.80	316	2.137
	2 CO2 412 I3	<b>205216</b>	0.80	412	2.747
	2 CO2 507 I3	<b>205220</b>	0.80	507	3.360
	2 CO2 604 I3	<b>205224</b>	1.00	604	4.960

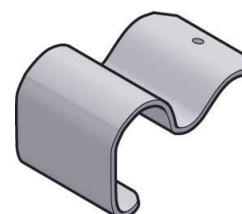
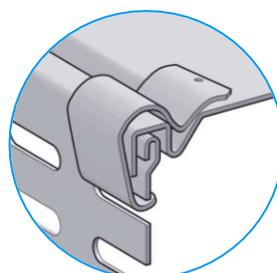


- Compatibles avec les dalles perforées PS et goulottes GRS

### CLIPS C03

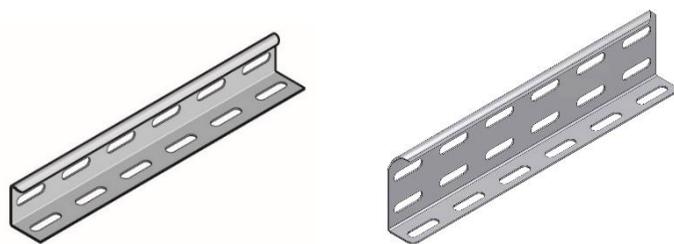
 p	Désignation	Code	Masse kg/CT
<b>I</b>	100 CLIPS C03 INOX	<b>023450</b>	0.300

- Compatibles avec les dalles perforées PS et BD

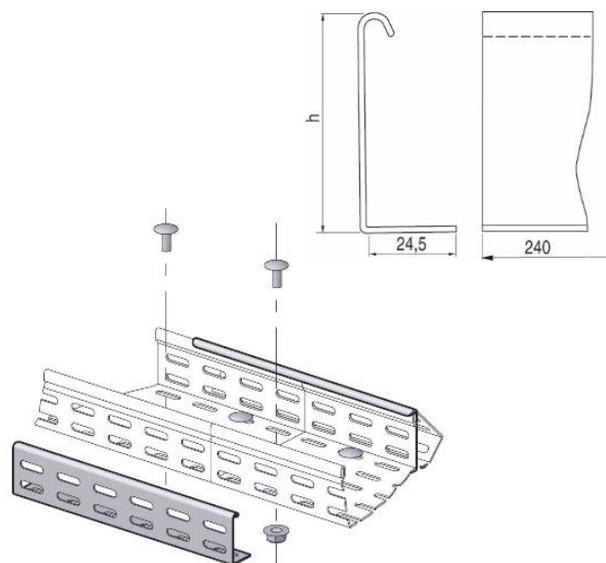


## ÉCLISSES EMBOITABLES EE

	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	20 EE 27 I2	309200	1.20	27	0.112
	20 EE 51 I2	309201	1.20	51	0.154
	20 EE 75 I2	309202	1.20	75	0.200
	20 EE 99 I2	309203	1.20	99	0.245



	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I3	1 EE 27 I3	209200	1.20	27	0.113
	1 EE 51 I3	209211	1.20	51	0.150
	1 EE 75 I3	209202	1.20	75	0.201
	1 EE 99 I3	209213	1.20	99	0.252

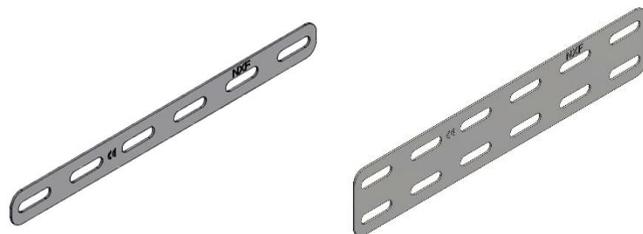


Pour dalles PS, **sécurité maximale et gain de temps:**

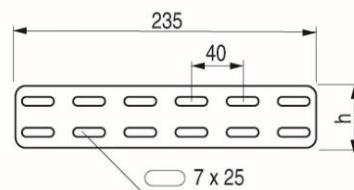
- Emprisonne l'ensemble de la dalle
- Fixation avec 2 BP TRCC M6x12, réf. 529001

## ÉCLISSES PLATES EP

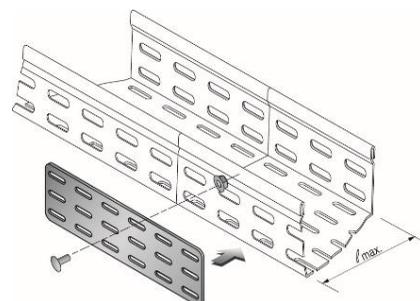
	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50 EP 24 I2	408001	1.00	22	0.032
	50 EP 48 I2	408002	1.00	46	0.069
	50 EP 72 I2	408003	1.00	70	0.106
	50 EP 96 I2	408004	1.00	94	0.142



	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I3	50 EP 24 I3	410001	1.00	22	0.034
	50 EP 48 I3	410002	1.00	46	0.071
	50 EP 72 I3	410003	1.00	70	0.109
	50 EP 96 I3	410004	1.00	94	0.146

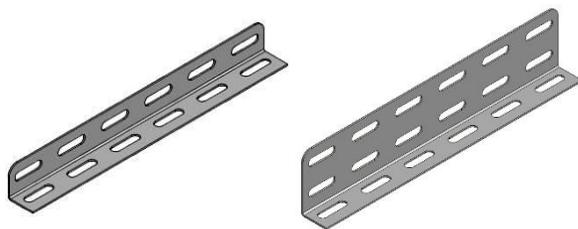


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse réf. 529001

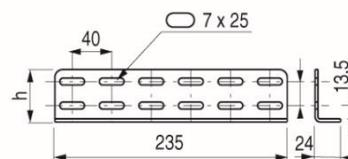


### ÉCLISSES CORNIERE EC

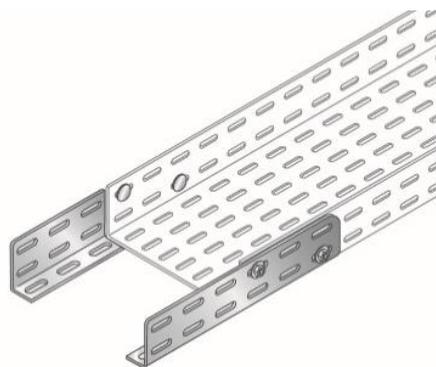
		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50	EC 24 I2	<b>438001</b>	1.00	25	0.070
	50	EC 48 I2	<b>438002</b>	1.00	49	0.110
	50	EC 72 I2	<b>438003</b>	1.00	73	0.210
	50	EC 96 I2	<b>438004</b>	1.00	98	0.250



		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50	EC 24 I3	<b>439001</b>	1.00	25	0.069
	50	EC 48 I3	<b>439002</b>	1.00	49	0.110
	50	EC 72 I3	<b>439003</b>	1.00	73	0.210
	50	EC 96 I3	<b>439004</b>	1.00	98	0.250

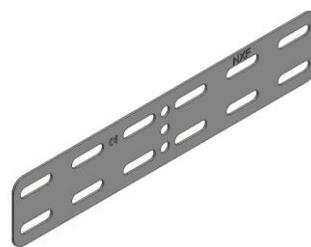


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, réf. 529001

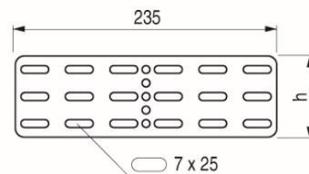


### ÉCLISSES PLIABLES ED

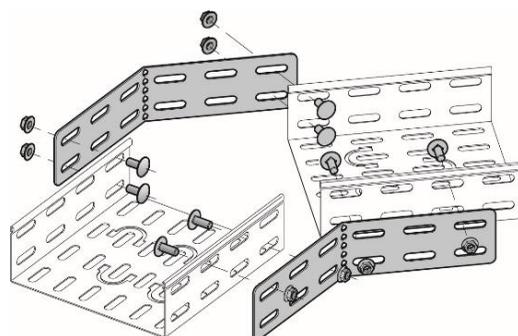
		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50	ED 24 I2	<b>408024</b>	1.00	22	0.032
	50	ED 48 I2	<b>408016</b>	1.00	46	0.069
	50	ED 72 I2	<b>408017</b>	1.00	70	0.106
	50	ED 96 I2	<b>408018</b>	1.00	94	0.142



		Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50	ED 24 I3	<b>410024</b>	1.00	22	0.032
	50	ED 48 I3	<b>410016</b>	1.00	46	0.069
	50	ED 72 I3	<b>410017</b>	1.00	70	0.106
	50	ED 96 I3	<b>410018</b>	1.00	94	0.142



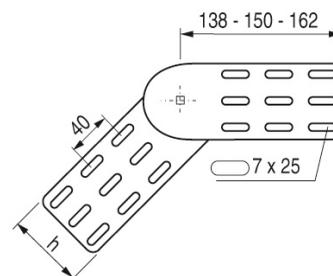
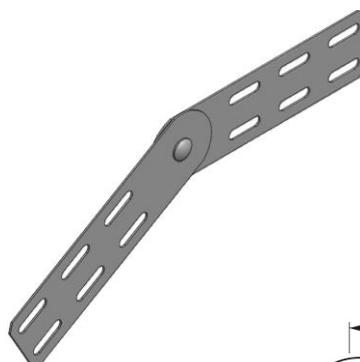
- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse réf. 529001



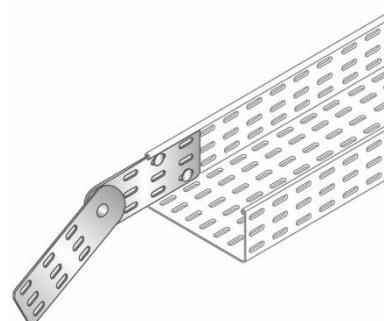
## ÉCLISSES ARTICULÉES EA

		Désignation	Code	H. mm	Masse kg/p
<b>I2</b>	50	EA 24/27 I2	<b>408005</b>	22	0.070
	50	EA 48/51 I2	<b>408006</b>	46	0.150
	50	EA 72/75 I2	<b>408007</b>	70	0.260
	50	EA 96/99 I2	<b>408008</b>	94	0.370

		Désignation	Code	H. mm	Masse kg/p
<b>I3</b>	50	EA 24/27 I3	<b>410005</b>	22	0.070
	50	EA 48/51 I3	<b>410006</b>	46	0.150
	50	EA 72/75 I3	<b>410007</b>	70	0.260
	50	EA 96/99 I3	<b>410008</b>	94	0.370



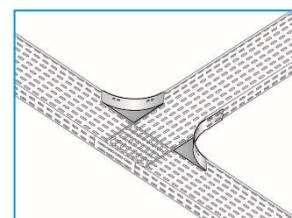
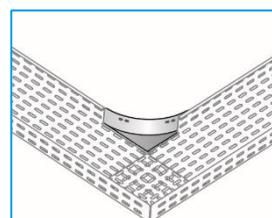
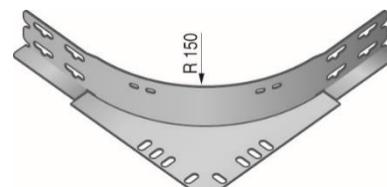
- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, réf. 529001



## ÉCLISSES D'ANGLE

		Désignation	Code	Ep. mm	Masse kg/p
<b>I2</b>	10	ECLISSE D ANGLE H 24 I2	<b>424954</b>	1.00	0.200
	10	ECLISSE D ANGLE H 48 I2	<b>424955</b>	1.00	0.272
	10	ECLISSE D ANGLE H 72 I2	<b>424956</b>	1.00	0.343
	10	ECLISSE D ANGLE H 96 I2	<b>424957</b>	1.00	0.414

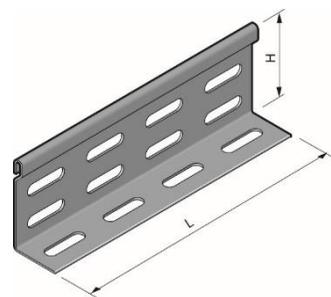
		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	10	ECLISSE D ANGLE H 24 I3	<b>425954</b>	1.00	0.206
	10	ECLISSE D ANGLE H 48 I3	<b>425955</b>	1.00	0.277
	10	ECLISSE D ANGLE H 72 I3	<b>425956</b>	1.00	0.343
	10	ECLISSE D ANGLE H 96 I3	<b>425957</b>	1.00	0.414



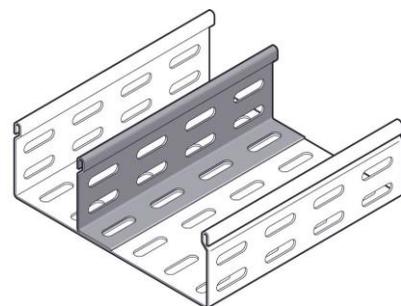
- Éclisses d'angle compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation avec BP TRCC M6x12, réf. 529001

### CORNIERES DE SÉPARATION LPS

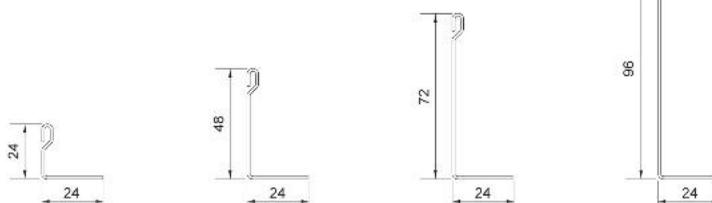
 m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I2</b>	3 LPS H24/27x0.80 3M I2	<b>314630</b>	0.80	24	0.280
	3 LPS H48/51x0.80 3M I2	<b>314631</b>	0.80	48	0.400
	3 LPS H72/75x0.80 3M I2	<b>314632</b>	0.80	72	0.550
	3 LPS H96/99x0.80 3M I2	<b>314633</b>	0.80	96	0.660



 m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I3</b>	3 LPS H24/27x0.80 I3	<b>214630</b>	0.80	24	0.280
	3 LPS H48/51x0.80 I3	<b>214631</b>	0.80	48	0.402
	3 LPS H72/75x0.80 I3	<b>214632</b>	0.80	72	0.525
	3 LPS H96/99x0.80 I3	<b>214633</b>	0.80	96	0.640

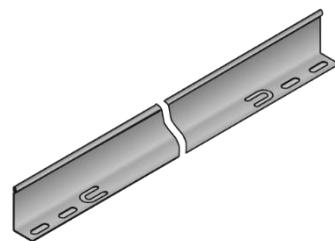


- Compatibles avec toutes les dalles perforées
- Fixation par BP TRCC M6x12 réf. 529001 ou Agrafitol réf 555160

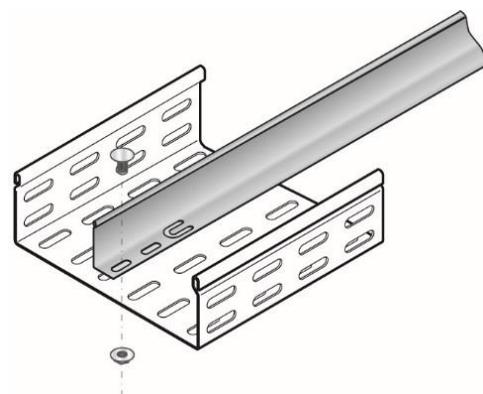


### CORNIERES DE SÉPARATION UNIVERSELLES LPSU

 m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I2</b>	3 LPSU 24 I2	<b>549060</b>	0.80	24	0.300
	3 LPSU 48 I2	<b>549061</b>	0.80	48	0.470
	3 LPSU 72 I2	<b>549063</b>	0.80	72	0.678
	3 LPSU 96 I2	<b>549062</b>	0.80	96	0.950



 m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I3</b>	3 LPSU 24 I3	<b>550060</b>	0.80	24	0.300
	3 LPSU 48 I3	<b>550061</b>	0.80	48	0.510
	3 LPSU 72 I3	<b>550063</b>	0.80	72	0.678
	3 LPSU 96 I3	<b>550062</b>	0.80	96	0.810

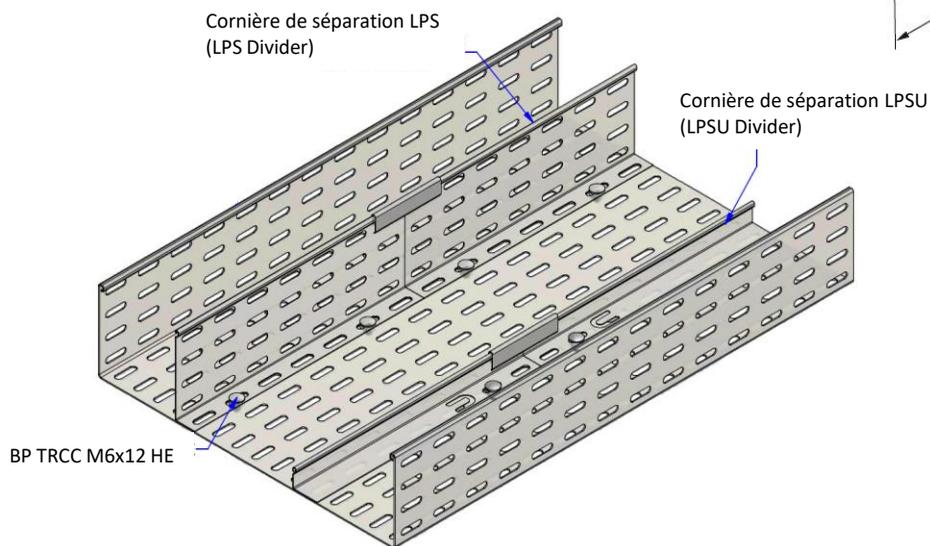
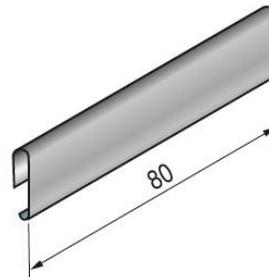


- Compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation par BP TRCC M6x12 réf. 529001 ou Agrafitol réf 555160

**JONCTION DE CORNIERE LPSJ**

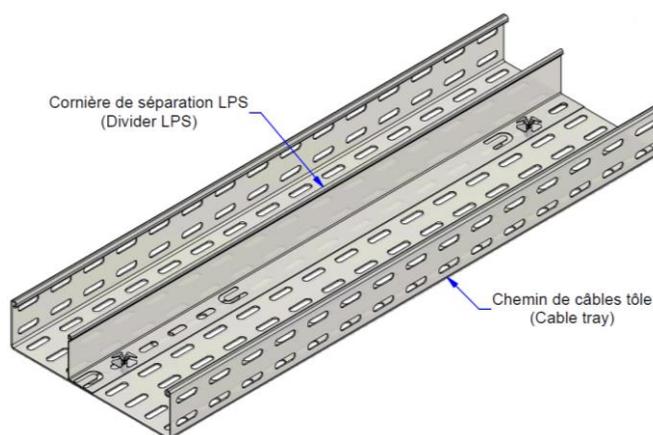
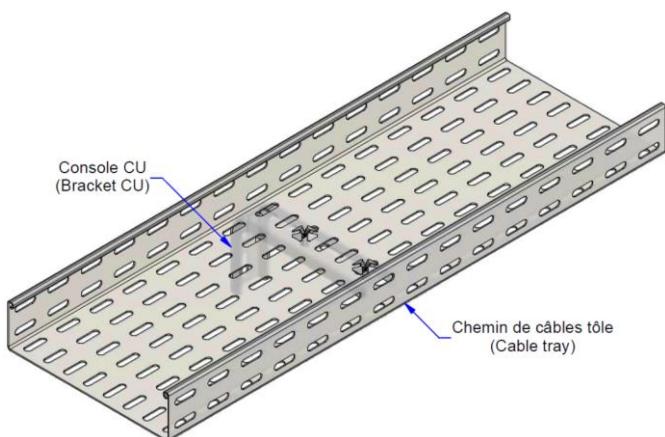
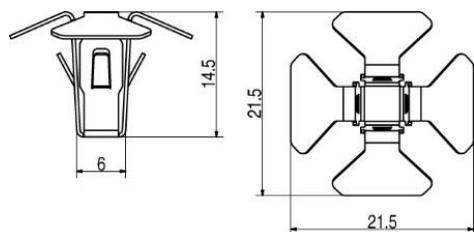
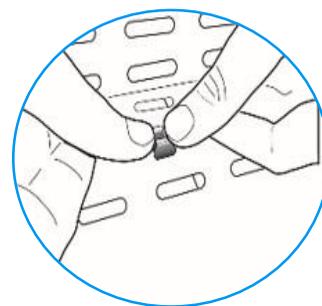
	 p	Désignation	Code	Masse kg/p
<b>I2</b>	25	LPSJ I2	<b>554143</b>	0.014

- Compatibles avec les cornières de séparation LPS et LPSU

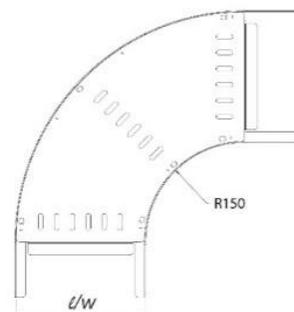
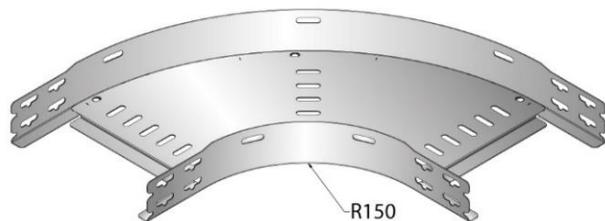


**AGRAFTOL**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	50	AGRAFTOL INOX	<b>555160</b>	0.002



**ELEMENTS DE RACCORDEMENT - VIRAGES 90°**

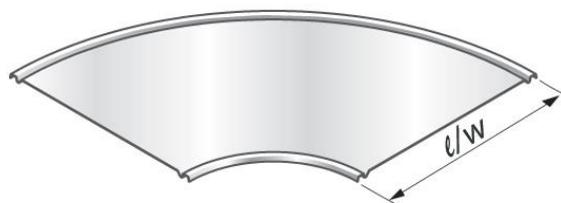


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	200449	0.357	425275	0.357	424276	0.515	425276	0.515								
75	424280	0.441	425280	0.441	424281	0.606	425281	0.606	424282	0.772	425282	0.772				
100	424285	0.527	425285	0.527	424286	0.699	425286	0.699	424287	0.872	425287	0.872	424288	1.045	425288	1.045
123			425290	0.621	424291	0.800	425291	0.800	424292	0.980	425292	0.980			425293	1.160
147	424295	0.722	425295	0.722	424296	0.909	425296	0.909	424297	1.097	425297	1.097	424298	1.284	425298	1.284
195	424305	0.947	425305	0.947	424306	1.147	425306	1.147	424307	1.350	425307	1.350	424308	1.551	425308	1.551
316	424320	1.634	425320	1.634	424321	1.871	425321	1.871	424322	2.109	425322	2.109	424323	2.347	425323	2.347
412	424330	2.309	425330	2.309	424331	2.576	425331	2.576	424332	2.843	425332	2.843	424333	3.109	425333	3.109
507			425350	3.104	424351	3.400	425351	3.400	424352	3.696	425352	3.696	424353	3.991	425353	3.991
604					424626	4.342	425626	4.342			425627	4.666			425628	4.991

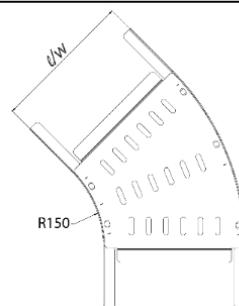
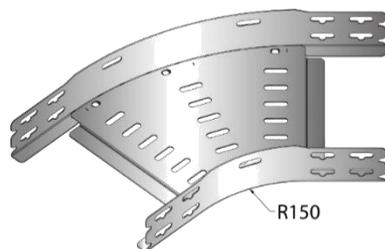
**COUVERCLE CO2 POUR VIRAGE 90°**

		Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V90 CO2 50 I2	308401	0.80	0.190
	1	CO V90 CO2 75 I2	308402	0.80	0.250
	1	CO V90 CO2 100 I2	308403	0.80	0.327
	1	CO V90 CO2 123 I2	308404	0.80	0.412
	1	CO V90 CO2 147 I2	308405	0.80	0.504
	1	CO V90 CO2 195 I2	308407	0.80	0.710
	1	CO V90 CO2 316 I2	308410	0.80	1.352
	1	CO V90 CO2 412 I2	308412	0.80	1.998
	1	CO V90 CO2 507 I2	308416	0.80	2.760
	1	CO V90 CO2 604 I2	308418	0.80	3.640

		Désignation	Code	Ep. mm	Masse kg/p
I3	1	CO V90 CO2 50 I3	208401	0.80	0.190
	1	CO V90 CO2 75 I3	208402	0.80	0.250
	1	CO V90 CO2 100 I3	208403	0.80	0.327
	1	CO V90 CO2 123 I3	208404	0.80	0.412
	1	CO V90 CO2 147 I3	208405	0.80	0.504
	1	CO V90 CO2 195 I3	208407	0.80	0.710
	1	CO V90 CO2 316 I3	208410	0.80	1.352
	1	CO V90 CO2 412 I3	208412	0.80	1.998
	1	CO V90 CO2 507 I3	208416	0.80	2.760
	1	CO V90 CO2 604 I3	208418	0.80	3.640



ELEMENTS DE RACCORDEMENT - VIRAGES 135°

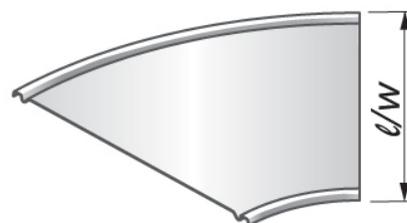


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425630	0.220	424631	0.319	425631	0.319								
75			425360	0.266	424361	0.375	425361	0.375			425362	0.484				
100			425365	0.310	424366	0.423	425366	0.423			425367	0.536	424368	0.648	425368	0.648
123			425370	0.360			425371	0.477	424372	0.593	425372	0.593			425373	0.709
147			425375	0.412	424376	0.532	425376	0.532			425377	0.652	424378	0.772	425378	0.772
195			425385	0.527	424386	0.655	425386	0.655	424387	0.782	425387	0.782	424388	0.908	425388	0.908
316	424400	0.880	425400	0.880	424401	1.025	425401	1.025	424402	1.171	425402	1.171	424403	1.315	425403	1.315
412			425410	1.228	424411	1.387	425411	1.387			425412	1.547			425413	1.706
507			425430	1.633	424431	1.570	425431	1.570			425432	1.982			425433	2.155
604							425441	2.287			425442	2.476			425443	2.663

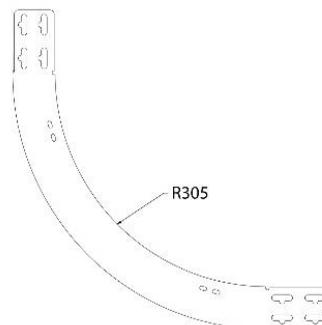
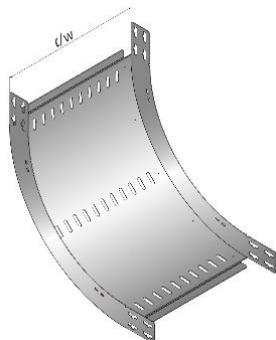
COUVERCLE CO2 POUR VIRAGE 135°

		Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V135 CO2 50 I2	308421	0.80	0.090
	1	CO V135 CO2 75 I2	308422	0.80	0.125
	1	CO V135 CO2 100 I2	308423	0.80	0.164
	1	CO V135 CO2 147 I2	308425	0.80	0.252
	1	CO V135 CO2 195 I2	308427	0.80	0.355
	1	CO V135 CO2 316 I2	308430	0.80	0.676
	1	CO V135 CO2 412 I2	308432	0.80	1.000
	1	CO V135 CO2 507 I2	308436	0.80	1.380
	1	CO V135 CO2 604 I2	308438	0.80	1.820

		Désignation	Code	Ep. mm	Masse kg/p
I3	1	CO V135 CO2 50 I3	208416	0.80	0.090
	1	CO V135 CO2 75 I3	208402	0.80	0.125
	1	CO V135 CO2 100 I3	208403	0.80	0.164
	1	CO V135 CO2 123 I3	208404	0.80	0.206
	1	CO V135 CO2 147 I3	208405	0.80	0.252
	1	CO V135 CO2 195 I3	208407	0.80	0.355
	1	CO V135 CO2 316 I3	208410	0.80	0.676
	1	CO V135 CO2 412 I3	208412	0.80	1.000
	1	CO V135 CO2 507 I3	208401	0.80	1.380
	1	CO V135 CO2 604 I3	208418	0.80	1.820

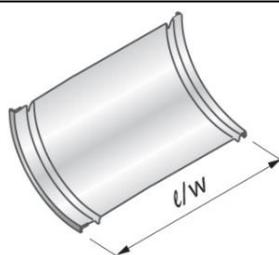


**ELEMENTS DE RACCORDEMENT - CONCAVES**



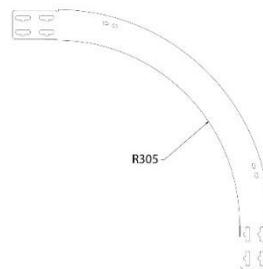
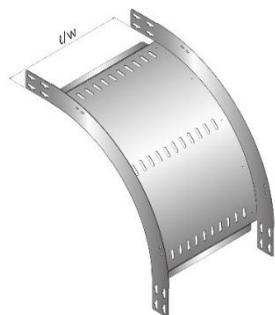
Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	424445	0.549	425445	0.549	424446	0.757	425446	0.756								
75			425450	0.649	424451	0.857	425451	0.857	424452	1.049	425452	1.049				
100	424455	0.745	425455	0.745	424456	0.953	425456	0.953	424457	1.145	425457	1.145	424458	1.323	425458	1.323
123			425460	0.841	424461	1.048	425461	1.048	424462	1.240	425462	1.240			425463	1.418
147	424465	0.937	425465	0.937	424466	1.145	425466	1.145	424467	1.337	425467	1.337	424468	1.515	425468	1.515
195	424475	1.129	425475	1.129	424476	1.336	425476	1.336	424477	1.528	425477	1.528	424478	1.706	425478	1.706
316	424490	1.609	425490	1.609	424491	1.816	425491	1.816	424492	2.008	425492	2.008	424493	2.187	425493	2.187
412			425500	1.993	424501	2.200	425501	2.200	424502	2.392	425502	2.392	424503	2.570	425503	2.570
507			425520	2.377	424521	2.584	425521	2.584	424522	2.776	425522	2.776	424523	2.955	425523	2.955
604					424531	2.968	425531	2.968	424532	3.161	425532	3.161			425533	3.338

**COUVERCLES CO2 POUR CONCAVE**



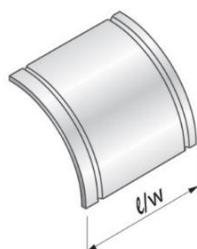
Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	308581	0.276	208581	0.276	308601	0.252	208601	0.252								
75	308582	0.360	208582	0.360	308602	0.328	208602	0.328	308622	0.300	208622	0.300				
100	308583	0.443	208583	0.443	308603	0.406	208603	0.406	308623	0.370	208623	0.370	308643	0.331	208643	0.331
123	308584	0.529	208584	0.529	308604	0.482	208604	0.482	308624	0.439	208624	0.439	308644	0.394	208644	0.394
147	308585	0.612	208585	0.612	308605	0.560	208605	0.560	308625	0.509	208625	0.509	308645	0.456	208645	0.456
195	308587	0.780	208587	0.780	308607	0.713	208607	0.713	308627	0.648	208627	0.648	308647	0.580	208647	0.580
316	308590	1.203	208590	1.203	308610	1.100	208610	1.100	308630	0.998	208630	0.998	308650	0.894	208650	0.894
412	308592	1.540	208592	1.540	308612	1.407	208612	1.407	308632	1.276	208632	1.276	308652	1.143	208652	1.143
507	308596	1.876	208596	1.876	308616	1.716	208616	1.716	308636	1.554	208636	1.554	308656	1.393	208656	1.393
604					308618	2.023	208618	2.023	308638	1.832	208638	1.832	308658	1.642	208658	1.642

**ELEMENTS DE RACCORDEMENT - CONVEXES**



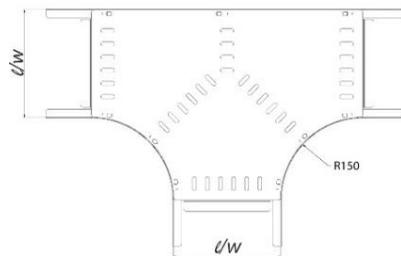
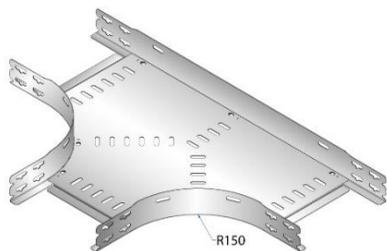
Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	424535	0.562	425535	0.562	424536	0.816	425536	0.816								
75			425540	0.662	424541	0.917	425541	0.917	424542	1.186	425542	1.186				
100	424545	0.759	425545	0.759	424546	1.013	425546	1.013	424547	1.282	425547	1.282	424548	1.564	425548	1.564
123			425550	0.854	424551	1.108	425551	1.108	424552	1.378	425552	1.378	424553	1.659	425553	1.659
147	424555	0.950	425555	0.950	424556	1.174	425556	1.174			425557	1.474	424558	1.756	425558	1.756
195	424565	1.142	425565	1.142	424566	1.444	425566	1.444	424567	1.665	425567	1.665	424568	1.947	425568	1.947
316	424580	1.622	425580	1.622	424581	1.833	425581	1.833	424582	2.145	425582	2.145	200755	2.427	425583	2.427
412			425590	2.006	424591	2.260	425591	2.260	424592	2.529	425592	2.529	424593	2.811	425593	2.811
507			425610	2.390	424611	2.645	425611	2.645	424612	2.913	425612	2.913	424613	3.195	425613	3.195
604					424621	3.028	425621	3.028			425622	3.297	424623	3.579	425623	3.579

**COUVERCLES CO2 POUR CONVEXE**



Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	308501	0.320	208501	0.320	308521	0.260	208521	0.260								
75	308502	0.420	208502	0.420	308522	0.451	208522	0.451	308542	0.494	208542	0.494				
100	308503	0.532	208503	0.532	308523	0.558	208523	0.558	308543	0.609	208543	0.609	308563	0.647	208563	0.647
123	308504	0.632	208504	0.632	308524	0.678	208524	0.678	308544	0.724	208544	0.724	308564	0.769	208564	0.769
147	308505	0.733	208505	0.733	308525	0.786	208525	0.786	308545	0.839	208545	0.839	308565	0.892	208565	0.892
195	308507	0.934	208507	0.934	308527	1.002	208527	1.002	308547	1.069	208547	1.069	308567	1.136	208567	1.136
316	308510	1.441	208510	1.441	308530	1.545	208530	1.545	308550	1.649	208550	1.649	308570	1.753	208570	1.753
412	308512	1.844	208512	1.844	308532	1.976	208532	1.976	308552	2.109	208552	2.109	308572	2.242	208572	2.242
507	308516	2.246	208516	2.246	308536	2.407	208536	2.407	308556	2.569	208556	2.569	308576	2.731	208576	2.731
604					308538	2.839	208538	2.839	308558	3.029	208558	3.029	308578	3.220	208578	3.220

ELEMENTS DE RACCORDEMENT - TES

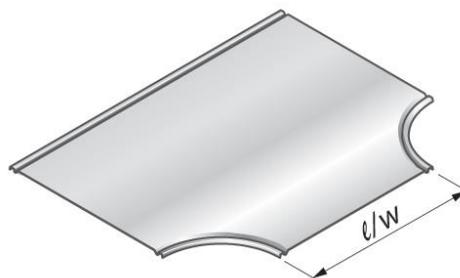


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425095	0.646	424096	0.882	425096	0.882								
75	424100	0.661	425100	0.774	424101	1.014	425101	1.014			425102	1.254				
100			425105	0.906	424106	1.151	425106	1.151	424107	1.396	425107	1.396	424108	1.641	425108	1.641
123			425110	1.045	424111	1.295	425111	1.295			425112	1.544	424113	1.794	425113	1.794
147	424115	1.193	425115	1.193	424116	1.447	425116	1.447	424117	1.701	425117	1.701	424118	1.955	425118	1.955
195			425125	1.519	424126	1.782	425126	1.782	424127	2.045	425127	2.045	424128	2.308	425128	2.308
316	424140	2.491	425140	2.491	424141	2.777	425141	2.777	424142	3.063	425142	3.063	424143	3.349	425143	3.349
412	424150	3.429	425150	3.429	424151	3.734	425151	3.734			425152	4.039	424153	4.343	425153	4.343
507			425170	4.514			425171	4.837	424172	5.160	425172	5.160			425173	5.483
604					424181	6.087	425181	6.087			425182	6.429			425183	6.770

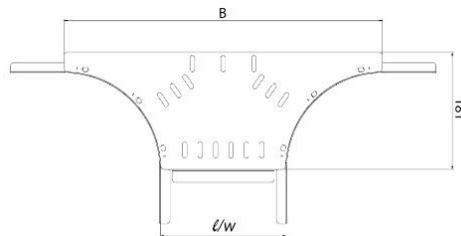
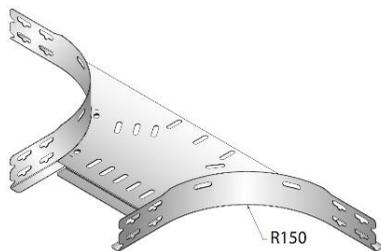
COUVERCLES CO2 POUR TE

		Désignation	Code	Masse kg/p
I2	1	CO TE CO2 50 I2	308481	0.389
	1	CO TE CO2 75 I2	308482	0.505
	1	CO TE CO2 100 I2	308483	0.630
	1	CO TE CO2 123 I2	308484	0.765
	1	CO TE CO2 147 I2	308485	0.909
	1	CO TE CO2 195 I2	308487	1.224
	1	CO TE CO2 316 I2	308490	2.176
	1	CO TE CO2 412 I2	308492	3.105
	1	CO TE CO2 507 I2	308496	4.184
	1	CO TE CO2 604 I2	308498	5.411

		Désignation	Code	Masse kg/p
I3	1	CO TE CO2 50 I3	208481	0.389
	1	CO TE CO2 75 I3	208482	0.505
	1	CO TE CO2 100 I3	208483	0.630
	1	CO TE CO2 123 I3	208484	0.765
	1	CO TE CO2 147 I3	208485	0.909
	1	CO TE CO2 195 I3	208487	1.224
	1	CO TE CO2 316 I3	208490	2.176
	1	CO TE CO2 412 I3	208492	3.105
	1	CO TE CO2 507 I3	208496	4.184
	1	CO TE CO2 604 I3	208498	5.411



ELEMENTS DE RACCORDEMENT - SORTIES LATÉRALES

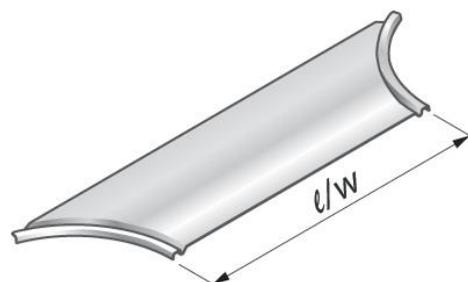


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425185	0.436	424186	0.578	425186	0.578								
75			425190	0.472	424191	0.614	425191	0.614	424192	0.756	425192	0.756				
100	424195	0.508	425195	0.508	424196	0.650	425196	0.650	424197	0.792	425197	0.792	424198	0.934	425198	0.934
123			425200	0.543	424201	0.685	425201	0.685	424202	0.827	425202	0.827			425203	0.969
147			425205	0.579	424206	0.721	425206	0.721	424207	0.863	425207	0.863			425208	1.005
195			425215	0.652	424216	0.794	425216	0.794			425217	0.936			425218	1.078
316			425230	0.833	424231	0.975	425231	0.975	424232	1.117	425232	1.117	424233	1.259	425233	1.259
412			425240	0.980	424241	1.122	425241	1.122	424242	1.297	425242	1.264	424243	1.406	425243	1.406
507			425260	1.126	424261	1.268	425261	1.268	424262	1.410	425262	1.410	424263	1.552	425263	1.552
604							425271	1.415			425272	1.557			425273	1.699

COUVERCLES CO2 POUR SORTIE LATÉRALE

		Désignation	Code	Masse kg/p
I2	1	CO SLT CO2 50 I2	308461	0.179
	1	CO SLT CO2 75 I2	308462	0.208
	1	CO SLT CO2 100 I2	308463	0.237
	1	CO SLT CO2 123 I2	308464	0.266
	1	CO SLT CO2 147 I2	308465	0.300
	1	CO SLT CO2 195 I2	308467	0.360
	1	CO SLT CO2 316 I2	308470	0.451
	1	CO SLT CO2 412 I2	308472	0.512
	1	CO SLT CO2 507 I2	308476	0.634
	1	CO SLT CO2 604 I2	308478	0.695

		Désignation	Code	Masse kg/p
I3	1	CO SLT CO2 50 I3	208461	0.179
	1	CO SLT CO2 75 I3	208462	0.208
	1	CO SLT CO2 100 I3	208463	0.237
	1	CO SLT CO2 123 I3	208464	0.266
	1	CO SLT CO2 147 I3	208465	0.300
	1	CO SLT CO2 195 I3	208467	0.360
	1	CO SLT CO2 316 I3	208470	0.451
	1	CO SLT CO2 412 I3	208472	0.512
	1	CO SLT CO2 507 I3	208476	0.634
	1	CO SLT CO2 604 I3	208478	0.695



ELEMENTS DE RACCORDEMENT - CROIX



Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425001	0.845	424002	1.129	425002	1.129								
75			425006	0.997			425007	1.281			425008	1.565				
100			425011	1.154	424012	1.438	425012	1.438			425013	1.722		425014	2.006	
123			425016	1.314			425017	1.598			425018	1.882		425019	2.166	
147			425021	1.488			425022	1.772			425023	2.056		425024	2.340	
195			425031	1.854	424032	2.138	425032	2.138			425033	2.422		425034	2.706	
316	424046	2.932	425046	2.932	424047	3.216	425047	3.216	424048	3.500	425048	3.500		425049	3.784	
412			425056	3.957			425057	4.241			425058	4.525		425059	4.809	
507			425080	5.128			425081	5.412			425082	5.696		425083	5.980	
604							425091	6.727			425092	7.011		425093	7.295	

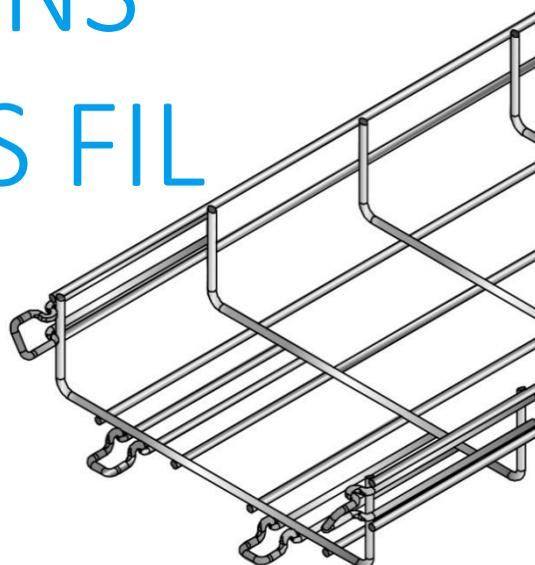
COUVERCLES CO2 POUR CROIX

		Désignation	Code	Masse kg/ml
I2	1	CO CROIX CO2 50 I2	308441	0.624
	1	CO CROIX CO2 75 I2	308442	0.692
	1	CO CROIX CO2 100 I2	308443	0.843
	1	CO CROIX CO2 123 I2	308444	1.005
	1	CO CROIX CO2 195 I2	308447	1.545
	1	CO CROIX CO2 316 I2	308450	2.631
	1	CO CROIX CO2 412 I2	308452	3.667
	1	CO CROIX CO2 507 I2	308456	4.852
	1	CO CROIX CO2 604 I2	308458	6.186

		Désignation	Code	Masse kg/ml
I3	1	CO CROIX CO2 50 I3	208441	0.624
	1	CO CROIX CO2 75 I3	208442	0.692
	1	CO CROIX CO2 100 I3	208443	0.843
	1	CO CROIX CO2 123 I3	208444	1.005
	1	CO CROIX CO2 147 I3	208445	1.176
	1	CO CROIX CO2 195 I3	208447	1.545
	1	CO CROIX CO2 316 I3	208450	2.631
	1	CO CROIX CO2 412 I3	208452	3.667
	1	CO CROIX CO2 507 I3	208456	4.852
	1	CO CROIX CO2 604 I3	208458	6.186



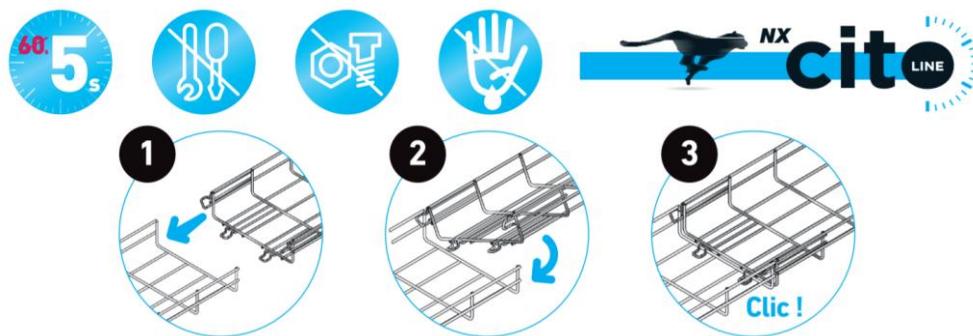
# SYSTÈMES DE CHEMINS DE CABLES FIL



- Automatique..... p.36
- Standard UF..... p.40
- Applications particulières..... p.42
- Accessoires..... p.44

**MTC : CITO ASSEMBLÉ, CITO POSÉ, découvrez le fil automatique de NIEDAX France**

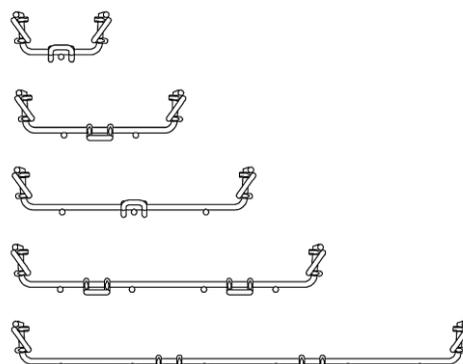
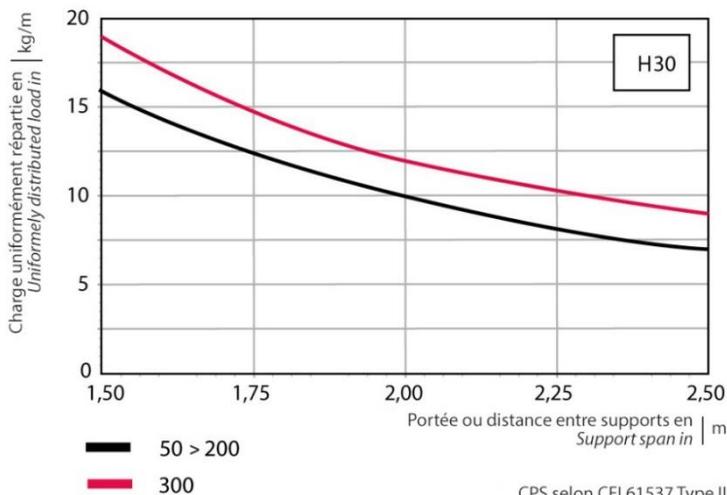
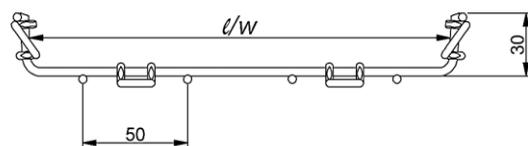
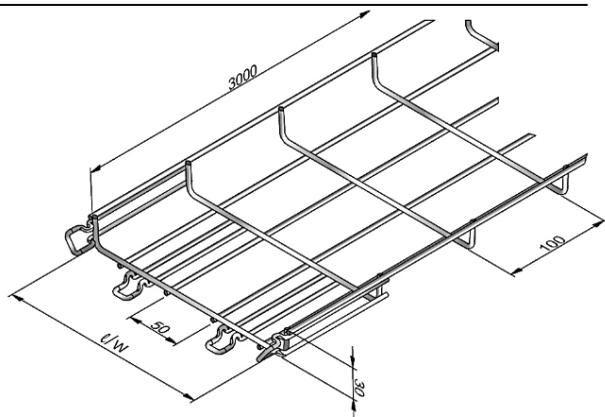
- Fini les éclisses et les boulons : l'assemblage du MTC est **automatique**
- En un clic et sans éclisses, il offre une **résistance identique** à un éclissage classique !
- Fini les contraintes d'espaces de dégagement : le MTC **s'adapte à toutes les configurations**, même les plus exigües
- Le MTC est **compatible avec tous nos accessoires** : bornes de mise à la terre, boîtes de dérivation...
- **Continuité électrique garantie** : certificats sur demande
- Tous les éléments de la gamme CITO sont **brevetés**



**MTC H30**

 m	Désignation	Code	Masse kg/ml
<b>I2</b> 3	MTC 30x50 I2	<b>713011</b>	0.420
3	MTC 30x100 I2	<b>713028</b>	0.560
3	MTC 30x150 I2	<b>713035</b>	0.720
3	MTC 30x200 I2	<b>713059</b>	0.860
3	MTC 30x300 I2	<b>713066</b>	1.150

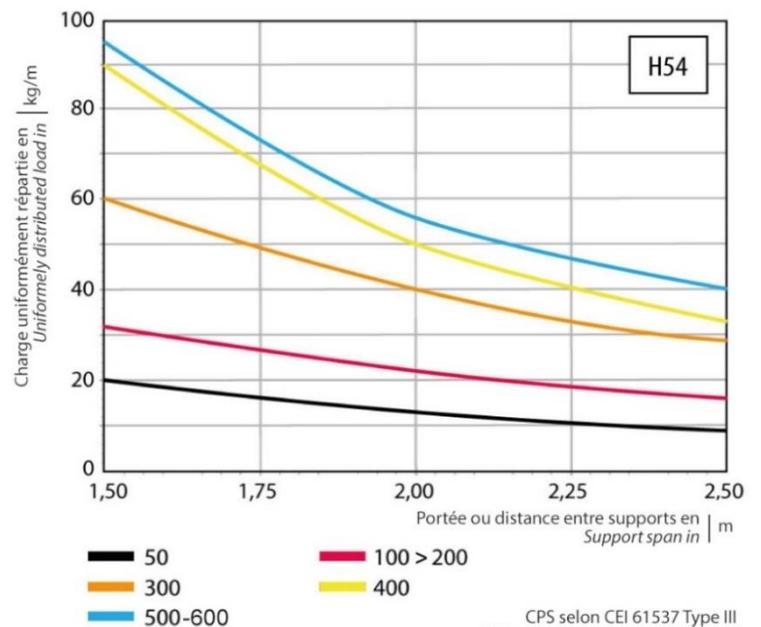
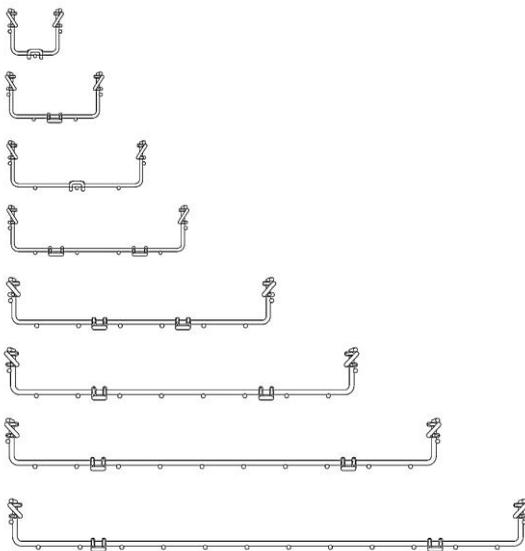
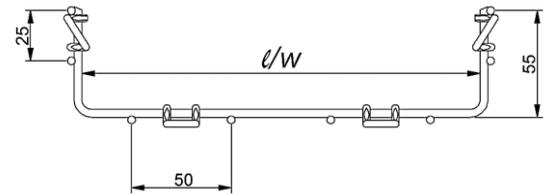
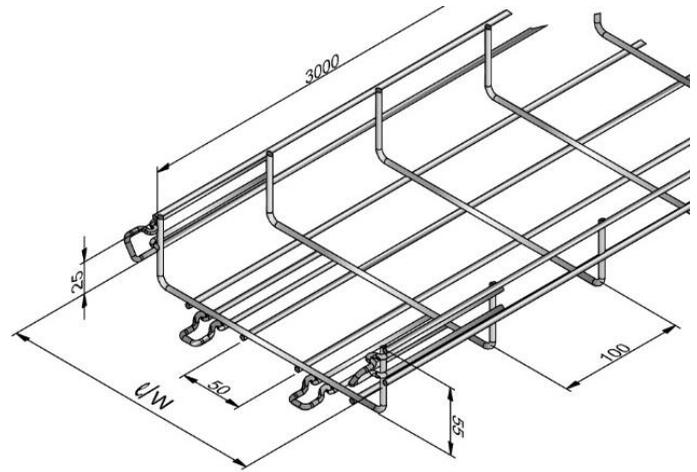
 m	Désignation	Code	Masse kg/ml
<b>I3</b> 3	MTC 30x50 I3	<b>714018</b>	0.420
3	MTC 30x100 I3	<b>714025</b>	0.560
3	MTC 30x150 I3	<b>714032</b>	0.720
3	MTC 30x200 I3	<b>714049</b>	0.860
3	MTC 30x300 I3	<b>714056</b>	1.150



**MTC H54**

		Désignation	Code	Masse kg/ml
<b>I2</b>	m			
	3	MTC 54x 50 I2	<b>713073</b>	0.660
	3	MTC 54x100 I2	<b>713080</b>	0.800
	3	MTC 54x150 I2	<b>713097</b>	0.960
	3	MTC 54x200 I2	<b>713110</b>	1.100
	3	MTC 54x300 I2	<b>713134</b>	2.140
	3	MTC 54x400 I2	<b>713165</b>	2.930
	3	MTC 54x500 I2	<b>713189</b>	3.450
	3	MTC 54x600 I2	<b>713219</b>	3.960

		Désignation	Code	Masse kg/ml
<b>I3</b>	m			
	3	MTC 54x 50 I3	<b>714063</b>	0.660
	3	MTC 54x100 I3	<b>714070</b>	0.800
	3	MTC 54x150 I3	<b>714087</b>	0.960
	3	MTC 54x200 I3	<b>714094</b>	1.100
	3	MTC 54x300 I3	<b>714117</b>	2.140
	3	MTC 54x400 I3	<b>714124</b>	2.930
	3	MTC 54x500 I3	<b>714131</b>	3.450
	3	MTC 54x600 I3	<b>714148</b>	3.960

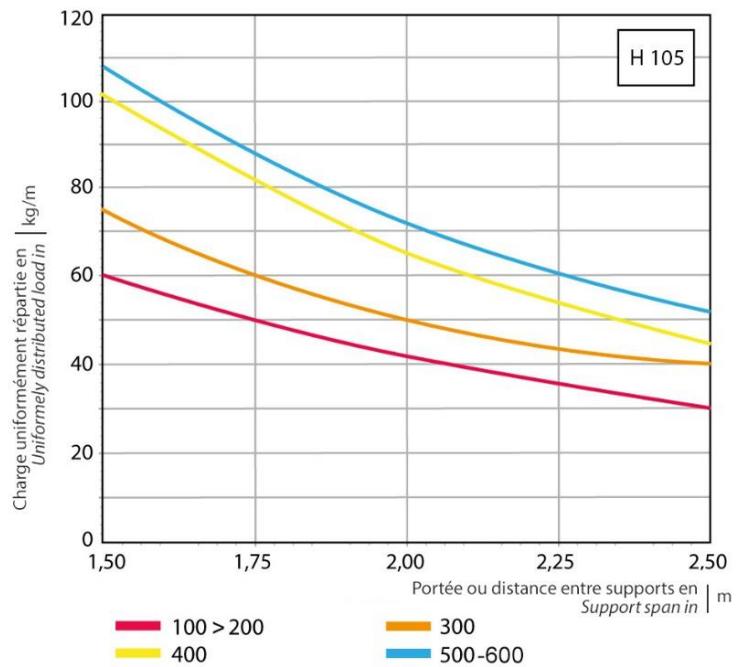
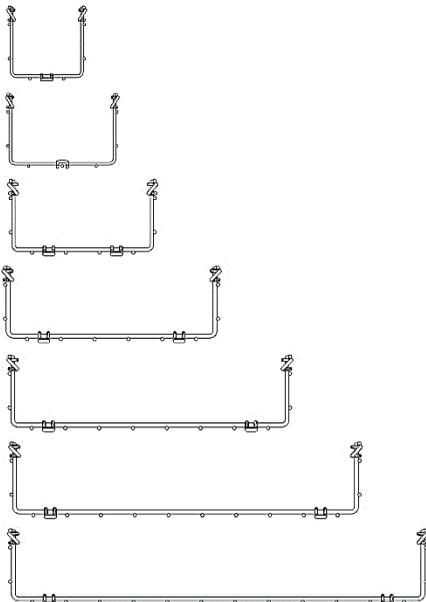
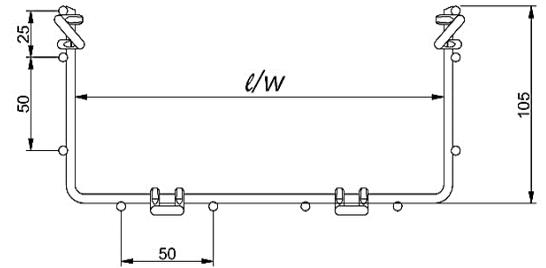
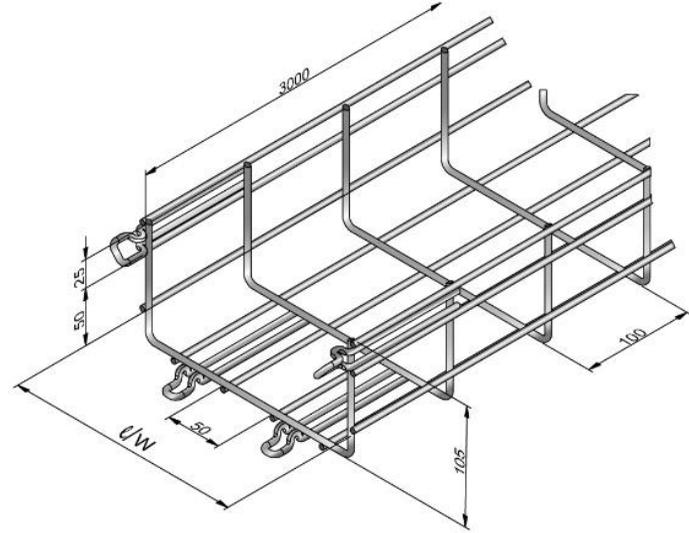


CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

**MTC H105**

		Désignation	Code	Masse kg/ml
<b>I2</b>	3	MTC 105x100 I2	<b>713233</b>	1.100
	3	MTC 105x150 I2	<b>713264</b>	1.250
	3	MTC 105x200 I2	<b>713288</b>	2.150
	3	MTC 105x300 I2	<b>713318</b>	2.950
	3	MTC 105x400 I2	<b>713325</b>	3.460
	3	MTC 105x500 I2	<b>713332</b>	3.980
	3	MTC 105x600 I2	<b>713349</b>	4.490

		Désignation	Code	Masse kg/ml
<b>I3</b>	3	MTC 105x100 I3	<b>714155</b>	1.100
	3	MTC 105x150 I3	<b>714162</b>	1.250
	3	MTC 105x200 I3	<b>714179</b>	2.150
	3	MTC 105x300 I3	<b>714186</b>	2.950
	3	MTC 105x400 I3	<b>714193</b>	3.460
	3	MTC 105x500 I3	<b>714216</b>	3.980
	3	MTC 105x600 I3	<b>714223</b>	4.490



CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

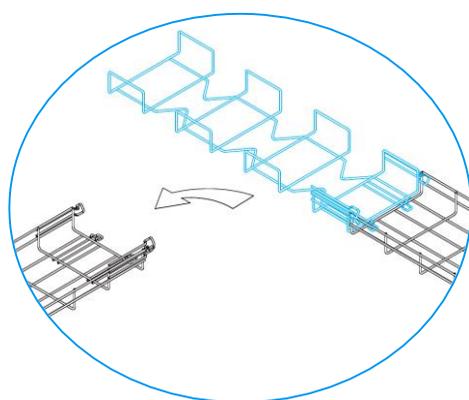
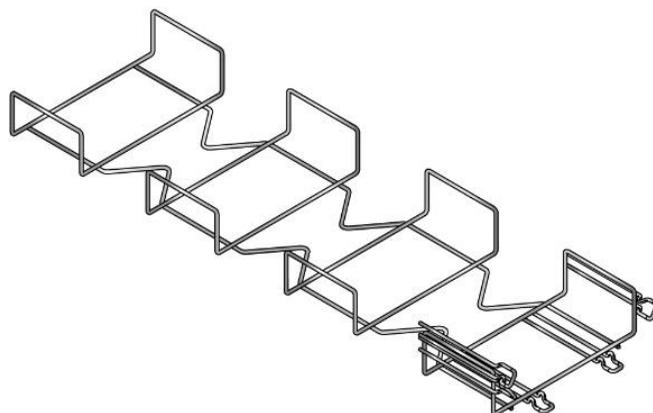
## ÉLÉMENTS DE RACCORDEMENT MTCE

Élément de raccordement livré droit :

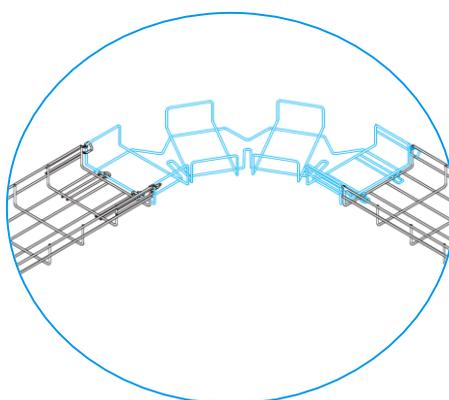
- Simple d'utilisation : **sans outils, ni boulons**
- Permet de former **concave/convexe** et **virages** par simple torsion manuelle
- **Angles variables**, selon configuration chantier

 P	Désignation	Code	Masse kg/p
<b>I2</b> 1	MTCE 54x100 I2	<b>713424</b>	0.326
1	MTCE 54x150 I2	<b>713431</b>	0.390
1	MTCE 54x200 I2	<b>713455</b>	0.569
1	MTCE 54x300 I2	<b>713462</b>	1.109

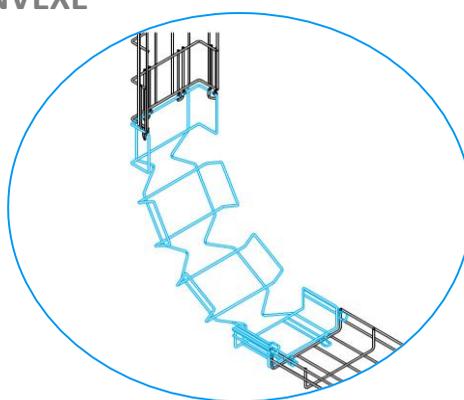
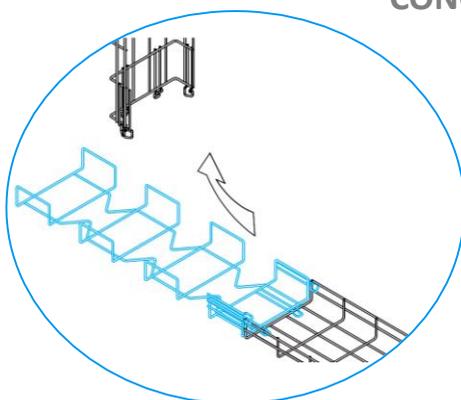
 P	Désignation	Code	Masse kg/p
<b>I3</b> 1	MTCE 54x100 I3	<b>714315</b>	0.326
1	MTCE 54x150 I3	<b>714322</b>	0.390
1	MTCE 54x200 I3	<b>714339</b>	0.569
1	MTCE 54x300 I3	<b>714346</b>	1.109



VIRAGE



CONCAVE / CONVEXE



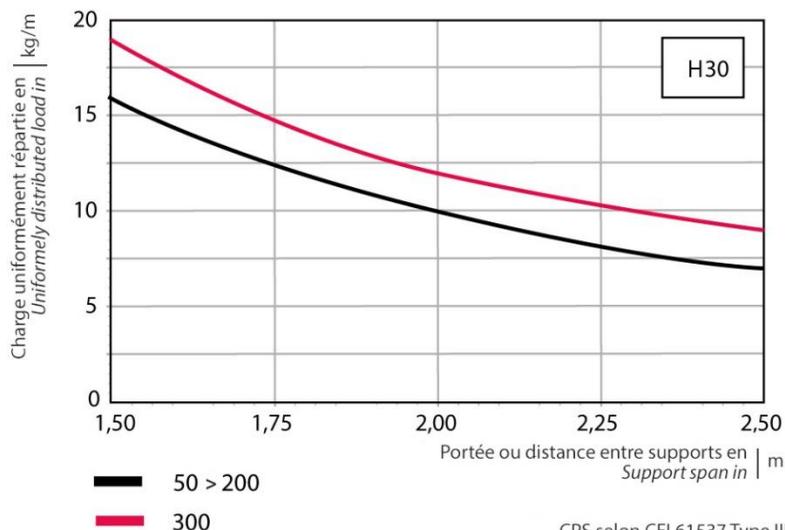
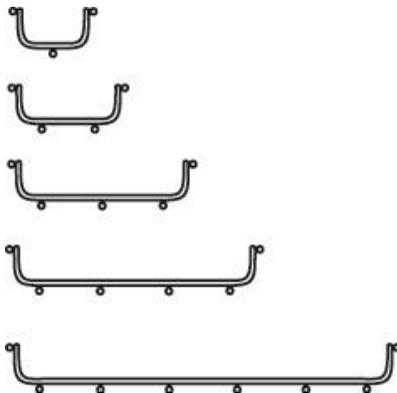
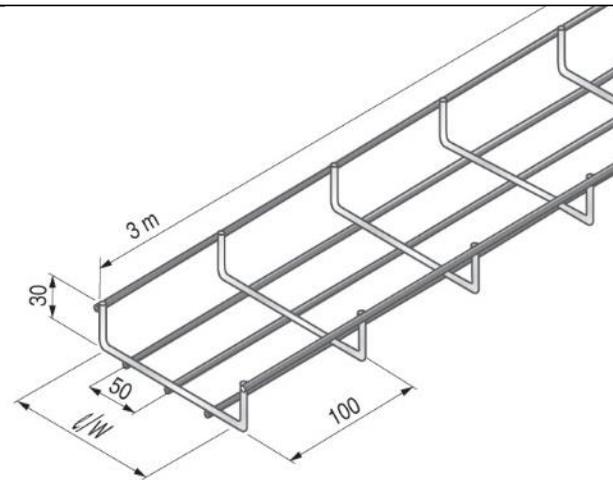
Des solutions pour toutes les configurations de chantier

- **Simplicité**
- **Sécurité**
- **Rapidité**

**UF H30**

	 m	Désignation	Code	Masse kg/ml
<b>I2</b>	3	UF 30x50 I2	<b>549530</b>	0.389
	3	UF 30x100 I2	<b>549531</b>	0.535

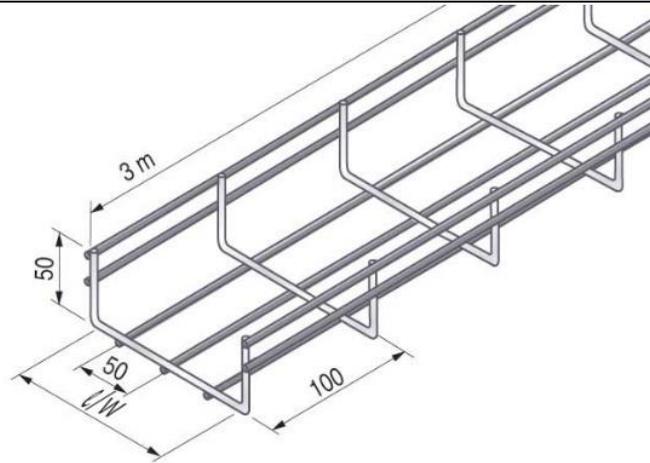
	 m	Désignation	Code	Masse kg/ml
<b>I3</b>	3	UF 30x50 I3	<b>550530</b>	0.389
	3	UF 30x100 I3	<b>550531</b>	0.535



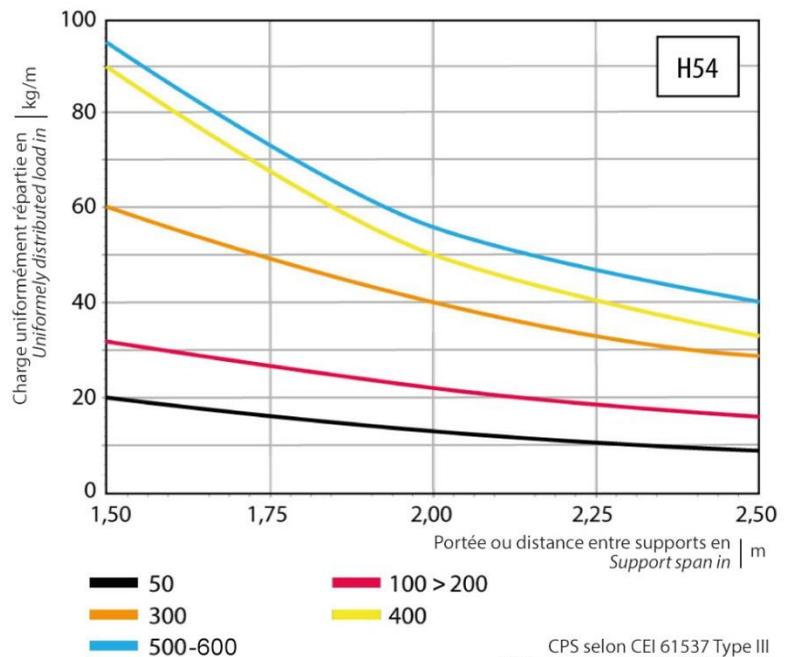
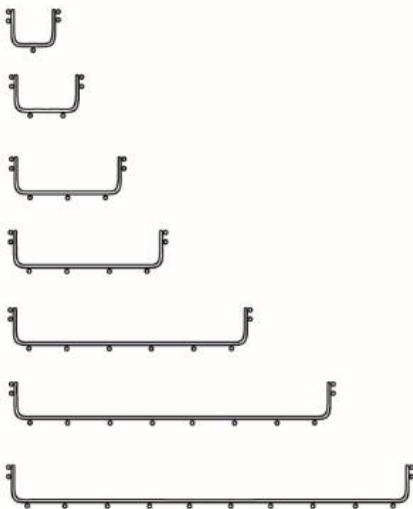
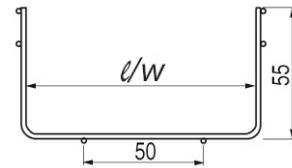
CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

**UF H54**

 m	Désignation	Code	Masse kg/ml
<b>I2</b> 3	UF 54x50 I2	<b>549535</b>	0.630
3	UF 54x100 I2	<b>549536</b>	0.775
3	UF 54x150 I2	<b>549537</b>	0.920
3	UF 54x200 I2	<b>549538</b>	1.065
3	UF 54x300 I2	<b>549539</b>	2.072
3	UF 54x400 I2	<b>549540</b>	2.515
3	UF 54x500 I2	<b>549541</b>	2.958
3	UF 54x600 I2	<b>549542</b>	3.401



 m	Désignation	Code	Masse kg/ml
<b>I3</b> 3	UF 54x50 I3	<b>550535</b>	0.630
3	UF 54x100 I3	<b>550536</b>	0.775
3	UF 54x150 I3	<b>550537</b>	0.920
3	UF 54x200 I3	<b>550538</b>	1.065
3	UF 54x300 I3	<b>550539</b>	2.072
3	UF 54x400 I3	<b>550540</b>	2.515
3	UF 54x500 I3	<b>550541</b>	2.958
3	UF 54x600 I3	<b>550542</b>	3.401



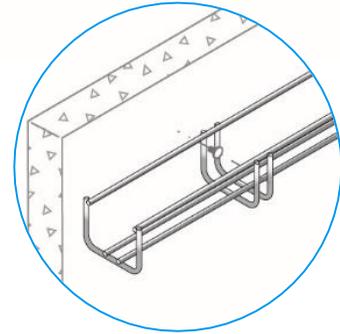
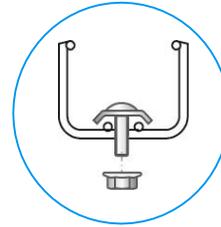
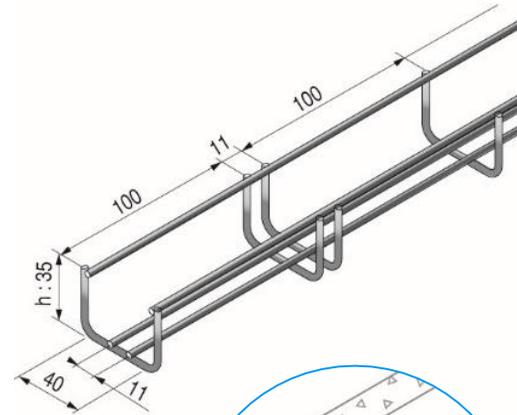
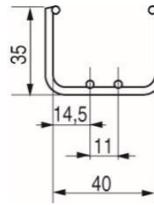
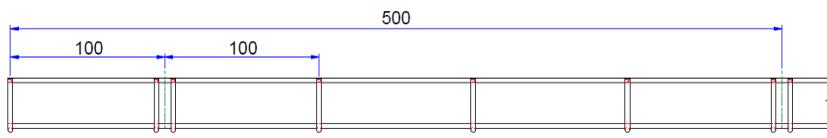
CPS selon CEI 61537 Type III  
SWL according to CEI 61537 Type III

### UF TELEX H35

	 m	Désignation	Code	Masse kg/ml
I2	3	UFT 35x35 I2	549298	0.350

#### Exclusif

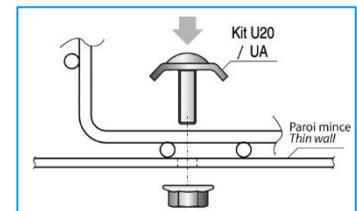
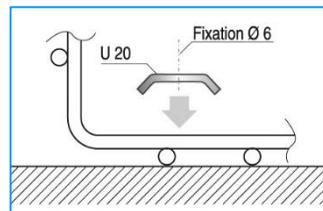
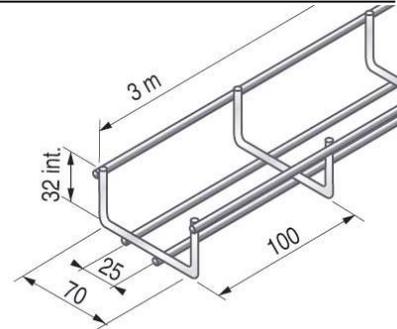
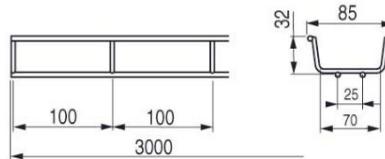
- 2 fils dans le fond pour **fixation directe** sur **console** ou sur **paroi**
- 2 fils transversaux tous les 400 mm pour **fixation directe murale** ou **paroi** (Ø 6 ou 8 mm)
- Ne nécessite **pas de supports**



### UF70 – H30

	 m	Désignation	Code	Masse kg/ml
I2	3	UF 30x70 I2	549299	0.510

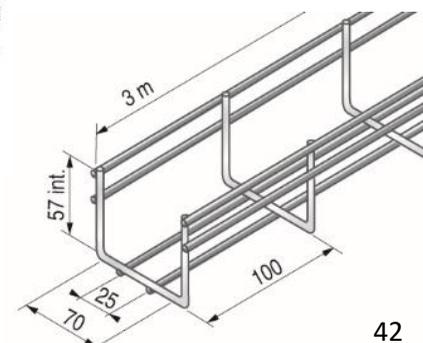
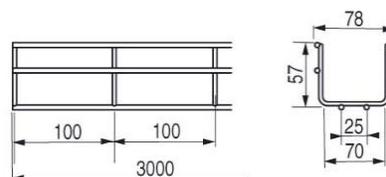
	 m	Désignation	Code	Masse kg/ml
I3	3	UF 30x70 I3	550299	0.510



### UF70 – H54

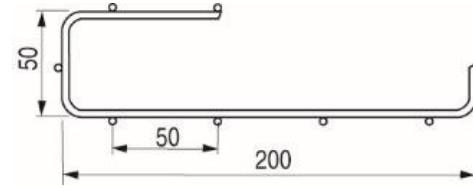
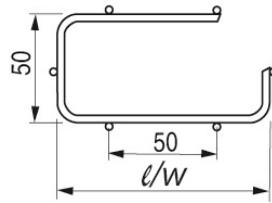
	 m	Désignation	Code	Masse kg/ml
I2	3	UF 54x70 I2	549300	0.750

	 m	Désignation	Code	Masse kg/ml
I3	3	UF 54x70 I3	550300	0.750

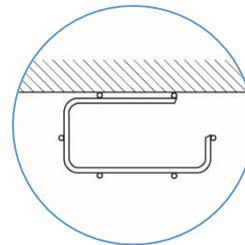
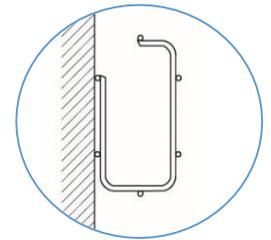
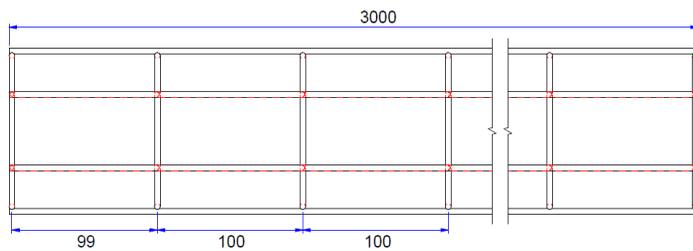


**UFG 50**

		m	Désignation	Code	Masse kg/ml
<b>I3</b>	3		UFG 50x100 I3	<b>550236</b>	0.825
	3		UFG 50x200 I3	<b>550238</b>	1.146



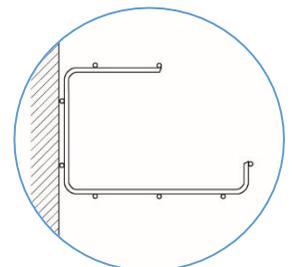
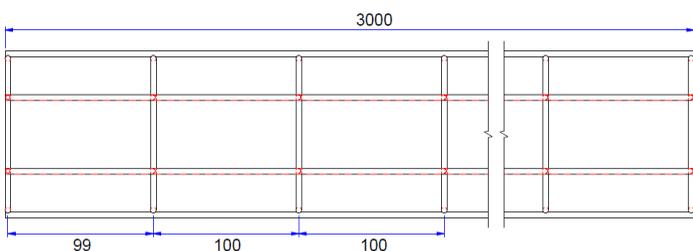
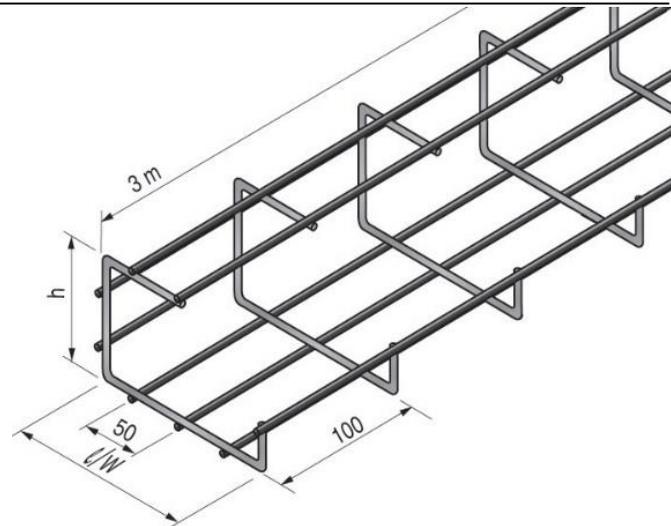
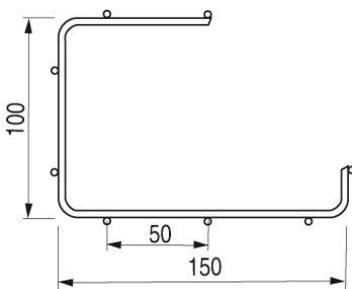
Fixation directe murale ou plafond sans console



**UFG 100**

		m	Désignation	Code	Masse kg/ml
<b>I3</b>	3		UFG 100x150 I3	<b>550239</b>	1.492

Fixation directe murale ou plafond sans console



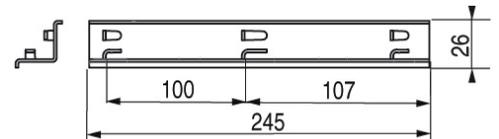
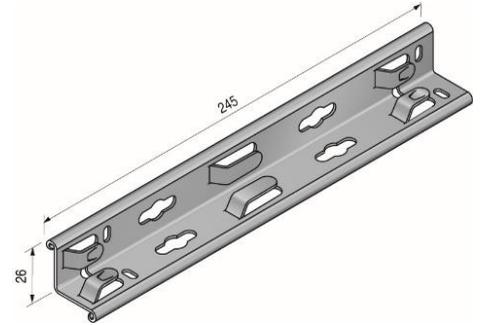
## ÉCLISSES ERU 3

### Eclisse multifonction sans boulons :

- Eclissage
- Supports de borne
- Suspension par tige filetée  $\varnothing$  6-8 mm
- Compatible avec montage contre paroi

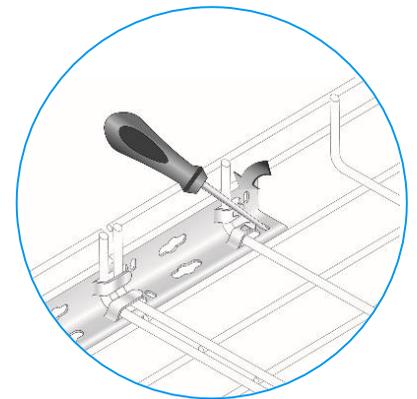
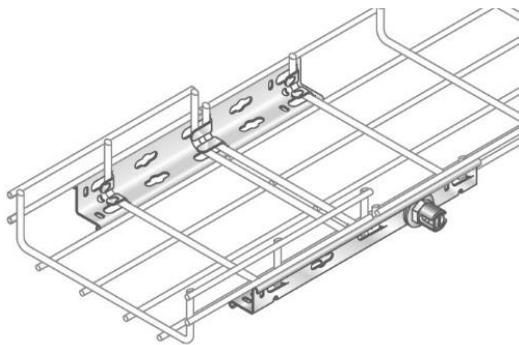
### Avantages :

- Résistance accrue par sa forte épaisseur
- Sécurité et rapidité grâce aux ergots anti-retour
- Verrouillage à l'aide d'un simple tournevis



	 p	Désignation	Code	Masse kg/p
<b>I2</b>	50	ERU3 I2	<b>554136</b>	0.153

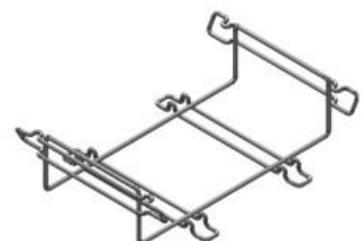
	 p	Désignation	Code	Masse kg/p
<b>I3</b>	50	ERU3 I3	<b>555136</b>	0.191



## ÉCLISSE AUTOMATIQUE MTCQC

Pour relier vos chemins de câbles fil en un clic, sans outils ni boulons !

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	1	MTCQC 54x100 I2	<b>713500</b>	0.137
	1	MTCQC 54x150 I2	<b>713501</b>	0.146
	1	MTCQC 54x200 I2	<b>713502</b>	0.236
	1	MTCQC 54x300 I2	<b>713503</b>	0.444



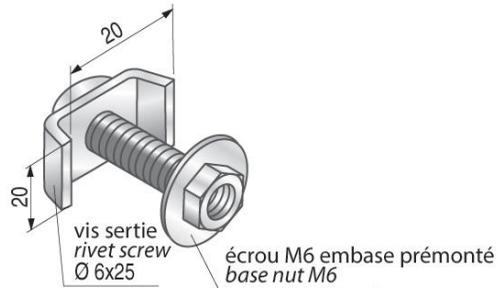
## ÉCLISSE KU20

Eclisse gain de temps, pour assemblage droits, virages, tés et croix :

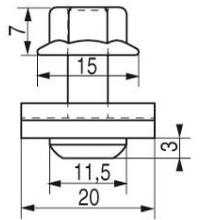
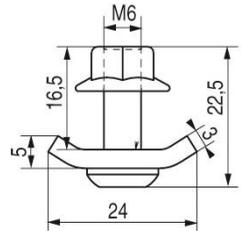
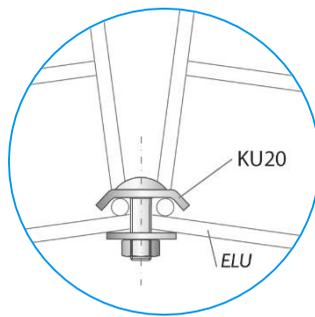
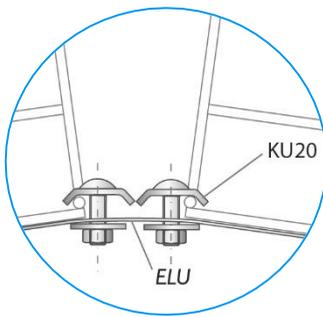
- Il suffit de serrer l'écrou pré-monté pour assembler vos chemins de câbles
- Facilité de gestion : nombre de références divisé par 2 par rapport à un éclissage classique

		Désignation	Code	Masse kg/p
<b>I2</b>	50	KU20 I2	<b>554134</b>	0.020

		Désignation	Code	Masse kg/p
<b>I3</b>	50	KU20 I3	<b>555134</b>	0.020



Recommandée en sécurisation du fond pour des largeurs sup. à 300 mm

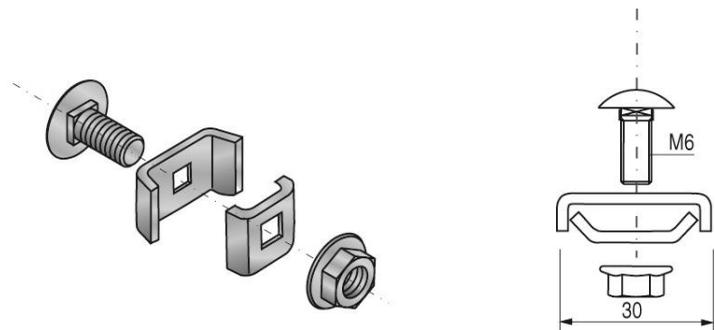


## ÉCLISSE KIT U20 - U30

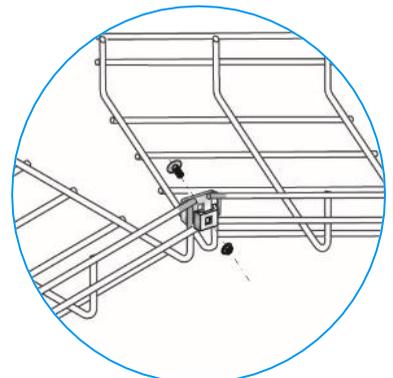
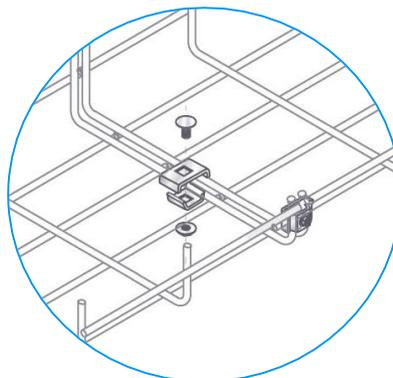
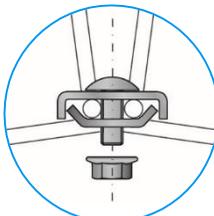
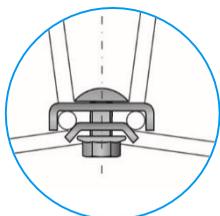
Eclisse pour assemblages droits, virages, tés et croix

		Désignation	Code	Masse kg/p
<b>I2</b>	50	KIT U20/U30 I2	<b>554050</b>	0.024

		Désignation	Code	Masse kg/p
<b>I3</b>	50	KIT U20/U30 I3	<b>555050</b>	0.024



Recommandée en sécurisation du fond pour des largeurs sup. à 300 mm



## ÉCLISSES U20 - U30

Éclisse pour assemblages droits, virages, tés et croix

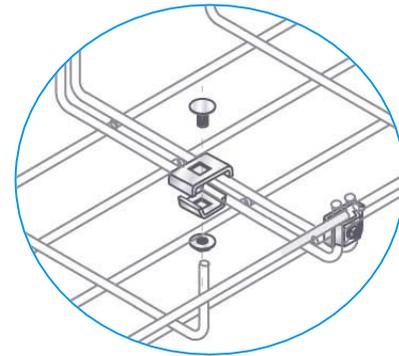
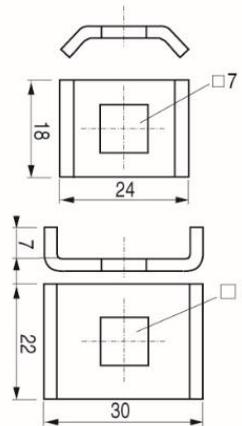
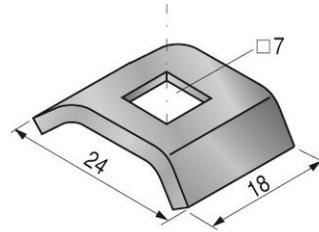
 p	Désignation	Code	Masse kg/p
<b>I2</b> 50	U20 I2	<b>554042</b>	0.006
50	U30 I2	<b>554043</b>	0.015

 p	Désignation	Code	Masse kg/p
<b>I3</b> 50	U20 I3	<b>555042</b>	0.006
50	U30 I3	<b>555043</b>	0.015

Prévoir boulon TRCC M6x20

Voir aussi : **Kit U20/U30**

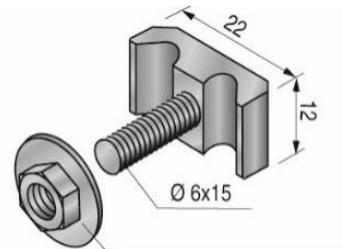
Recommandée en sécurisation de fond pour les largeurs supérieures à 300 mm



## ÉCLISSE UA

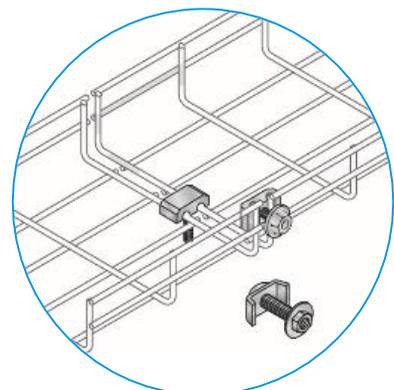
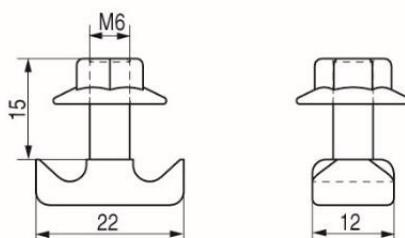
Éclisse pour assemblages droits, virages, tés et croix

 p	Désignation	Code	Masse kg/p
<b>I3</b> 50	UA I3	<b>555121</b>	0,012



Voir aussi : **Kit U20/U30**

Recommandée en sécurisation de fond pour les largeurs supérieures à 300 mm

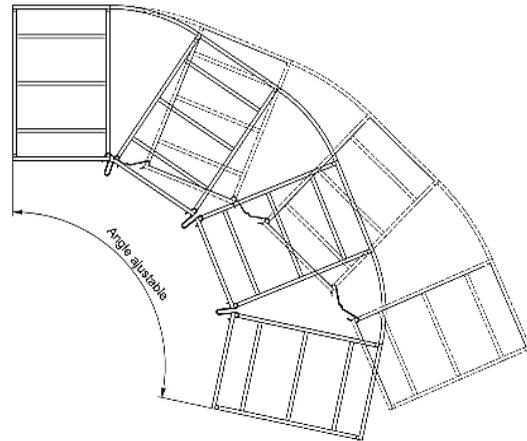


## AGRAFES MTCA

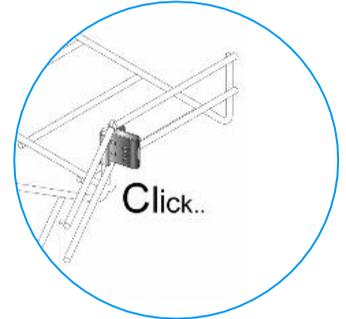
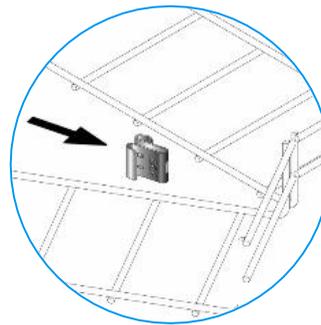
### Fixation sans outils ni boulons

- Pour confection de virages sur chantier
- Ajustement simplifié de l'angle des virages
- Compatible gammes Standard et Automatique

 p	Désignation	Code	Masse kg/p
I 50	MTCA 4 INOX	<b>713615</b>	0.010
50	MTCA 5 INOX	<b>713622</b>	0.010
50	MTCA 6 INOX	<b>713639</b>	0.010



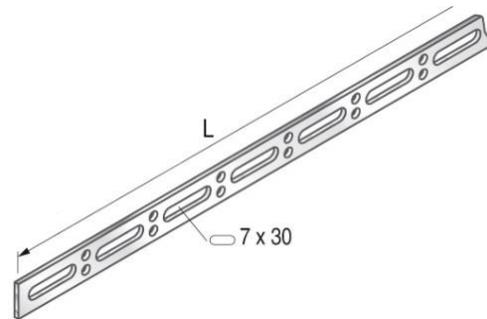
	 30 mm	 54 mm	 105 mm
 <b>MTCA 4</b>	≤ 300 mm	≤ 200 mm	≤ 150 mm
 <b>MTCA 5</b>	-	300 mm	200 mm
 <b>MTCA 6</b>	-	400 à 600 mm	300 à 600 mm



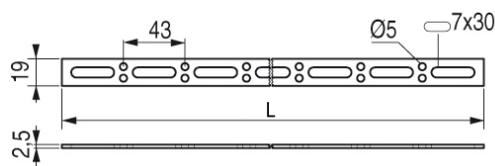
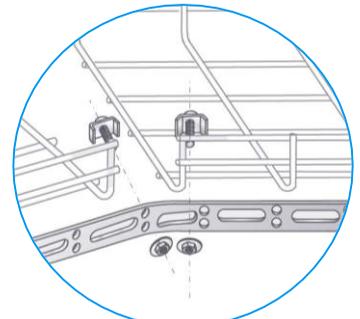
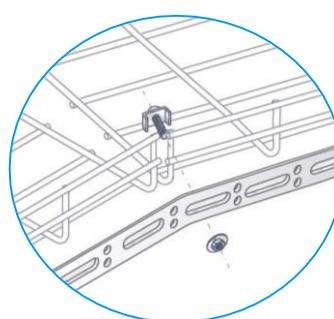
## ÉCLISSES PLIABLES ELU

- Grande plage de réglage
- Assemblage sécurisé
- Fonctions et applications identiques à la **KU20**

 p	Désignation	Code	Ep. mm	Masse kg/p
I2 25	ELU 300 I2	<b>554038</b>	2.00	0.063
25	ELU 600 I2	<b>554044</b>	2.00	0.130
25	ELU 1200 I2	<b>554045</b>	2.00	0.259



 p	Désignation	Code	Ep. mm	Masse kg/p
I3 25	ELU 300 I3	<b>555038</b>	2.00	0.063
1	ELU 600 I3	<b>555044</b>	2.00	0.130
25	ELU 1200 I3	<b>555045</b>	2.00	0.259

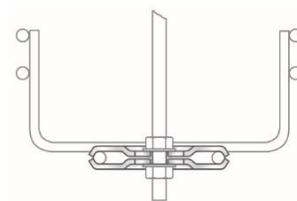
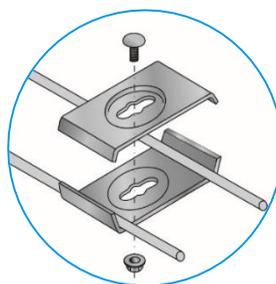
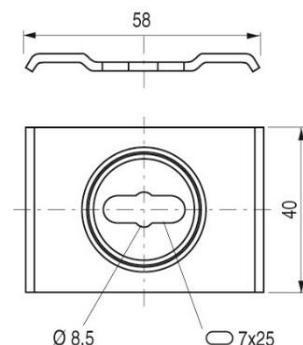
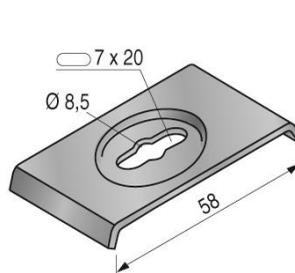


## CLAME DE SUSPENSION U40

Pour assemblage de virages découpés ou suspente plafond  
(Cf. page de montage « Réalisation de coudes petit rayon »)

		Désignation	Code	Masse kg/p
<b>I2</b>	50	CLAME U40 I2	<b>554032</b>	0.040

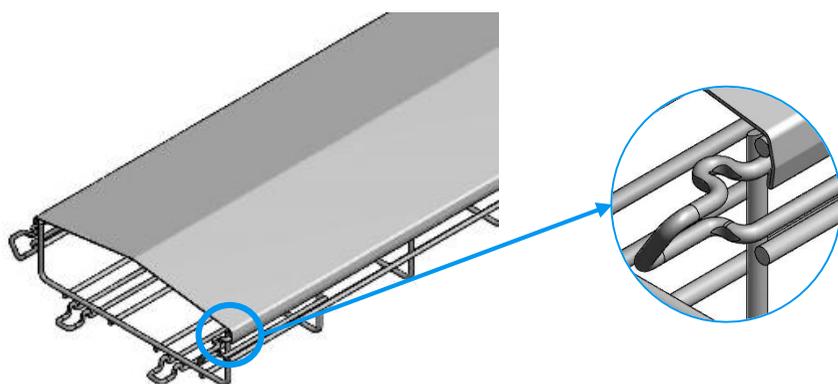
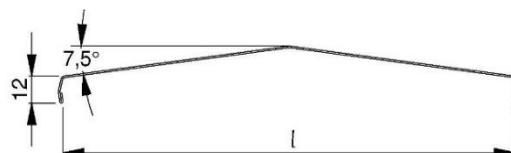
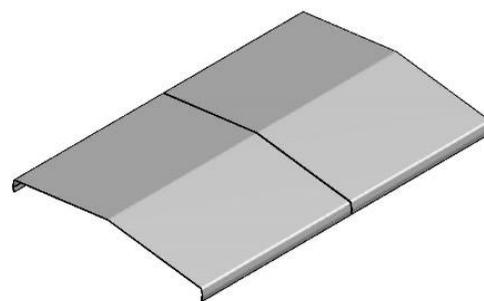
		Désignation	Code	Masse kg/p
<b>I3</b>	50	CLAME U40 I3	<b>555032</b>	0.036



## COUVERCLE AUTOMATIQUE MTCC

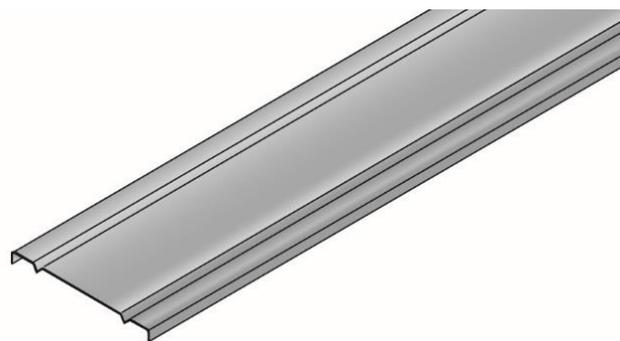
Pour chemins de câbles fil, rapide et fiable, se monte par simple clipsage, sans outils ni boulons

		Désignation	Code	l. mm	Masse kg/ml
<b>I2</b>	3	MTCC 50 I2	<b>711016</b>	64	0.390
	3	MTCC 100 I2	<b>711017</b>	113	0.930
	3	MTCC 150 I2	<b>711018</b>	163	1.260
	3	MTCC 200 I2	<b>711019</b>	214	1.590
	3	MTCC 300 I2	<b>711020</b>	316	2.260
	3	MTCC 400 I2	<b>711021</b>	418	2.850
	3	MTCC 500 I2	<b>711022</b>	518	4.380
	3	MTCC 600 I2	<b>711023</b>	618	5.190

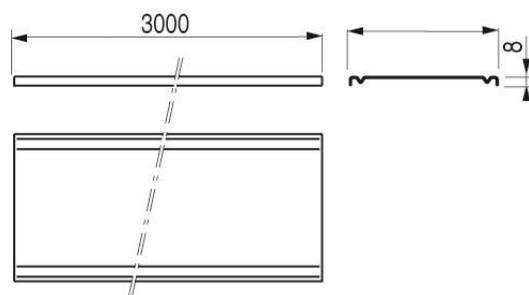


### COUVERCLES NERVURES FIL

	 m	Désignation	Code	l. mm	Masse kg/ml
<b>I2</b>	3	CO UF 50 I2	<b>549050</b>	64	0.540
	3	CO UF 100 I2	<b>549051</b>	113	0.902
	3	CO UF 150 I2	<b>549052</b>	163	1.222
	3	CO UF 200 I2	<b>549053</b>	214	1.542
	3	CO UF 300 I2	<b>549054</b>	316	2.182
	3	CO UF 400 I2	<b>549055</b>	418	3.528
	3	CO UF 500 I2	<b>549056</b>	518	4.328
	3	CO UF 600 I2	<b>549057</b>	618	5.128



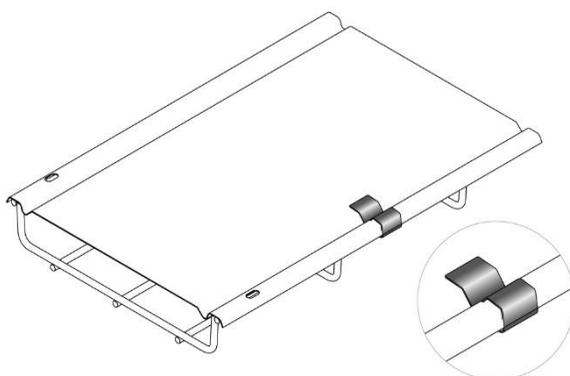
	 m	Désignation	Code	l. mm	Masse kg/ml
<b>I3</b>	3	CO UF 50 I3	<b>550050</b>	64	0.553
	3	CO UF 100 I3	<b>550051</b>	113	0.902
	3	CO UF 150 I3	<b>550052</b>	163	1.222
	3	CO UF 200 I3	<b>550053</b>	214	1.542
	3	CO UF 300 I3	<b>550054</b>	316	2.182
	3	CO UF 400 I3	<b>550055</b>	418	3.528
	3	CO UF 500 I3	<b>550056</b>	518	4.328
	3	CO UF 600 I3	<b>550057</b>	618	5.030



Prévoir 8 clips par longueur de 3m

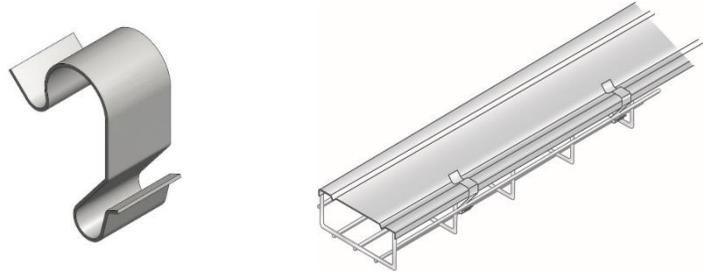
### CLIPS UF 30

	 p	Désignation	Code	Masse kg/p
<b>I</b>	20	CLIPS UF H30 INOX 301	<b>553058</b>	0.004



**CLIPS UF 54 - 105**

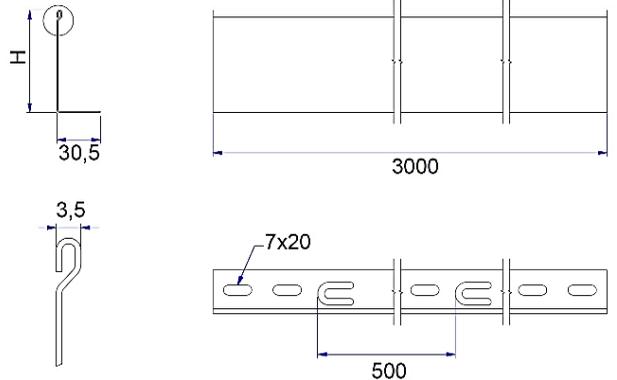
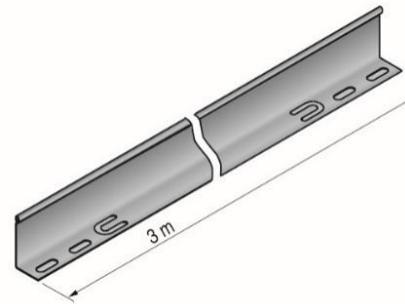
	 p	Désignation	Code	Masse kg/p
<b>I2</b>	20	CLIPS UF H54-105 INOX	<b>554041</b>	0.005



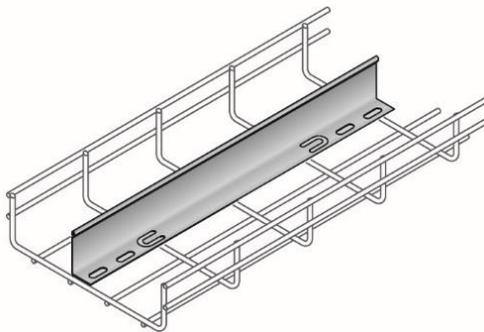
**CORNIERES DE SÉPARATION UNIVERSELLE LPSU**

	 m	Désignation	Code	H. mm	Masse kg/ml
<b>I2</b>	3	LPSU 24 I2	<b>549060</b>	24	0.300
	3	LPSU 48 I2	<b>549061</b>	48	0.470
	3	LPSU 72 I2	<b>549063</b>	72	0.678
	3	LPSU 96 I2	<b>549062</b>	96	0.950

	 m	Désignation	Code	H. mm	Masse kg/ml
<b>I3</b>	3	LPSU 24 I3	<b>550060</b>	24	0.300
	3	LPSU 48 I3	<b>550061</b>	48	0.510
	3	LPSU 72 I3	<b>550063</b>	72	0.678
	3	LPSU 96 I3	<b>550062</b>	96	0.810



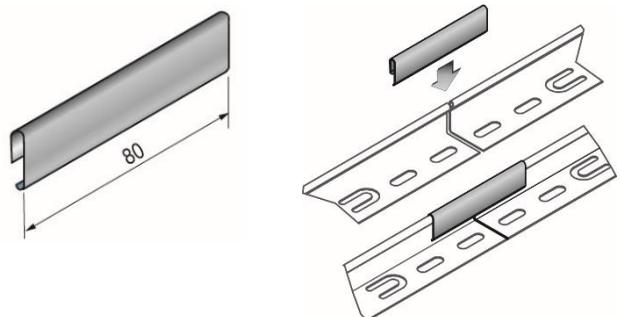
Verrouillage à l'aide d'un tournevis



**JONCTION DE CORNIERE LPSJ**

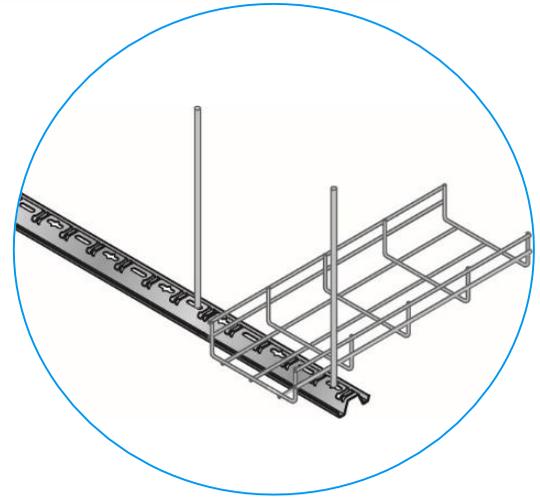
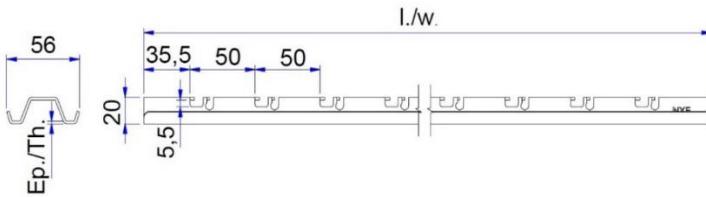
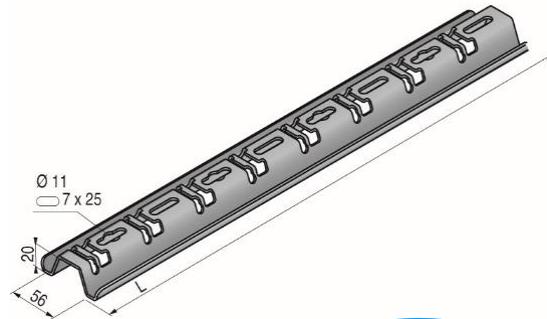
	 p	Désignation	Code	Masse kg/p
<b>I2</b>	25	LPSJ I2	<b>554143</b>	0.014

Pour cornières de séparation LPSU



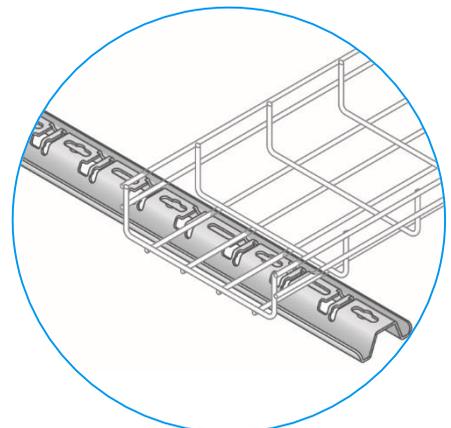
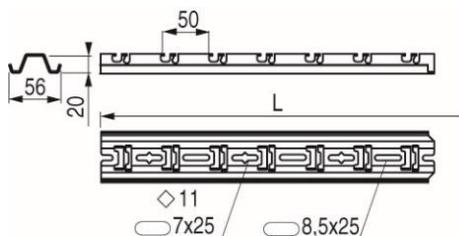
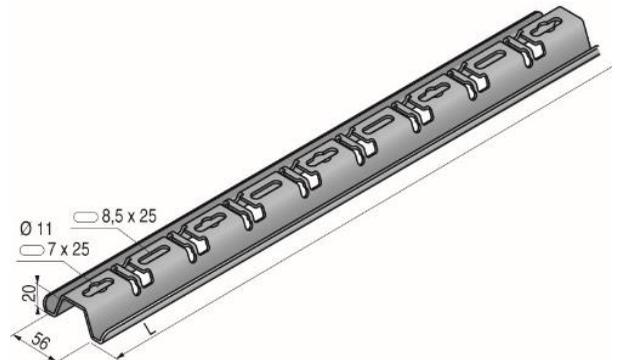
**RAILS S100U AU METRE**

		Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	1	S100U 1M I3	<b>750107</b>	2.00	1.190
	2	S100U 2M I3	<b>750110</b>	2.00	1.190
	3	S100U 3M I3	<b>750111</b>	2.00	1.190



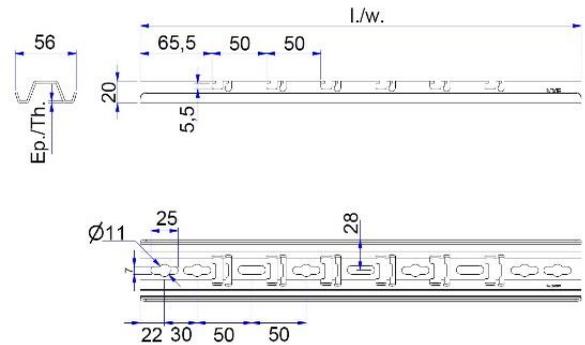
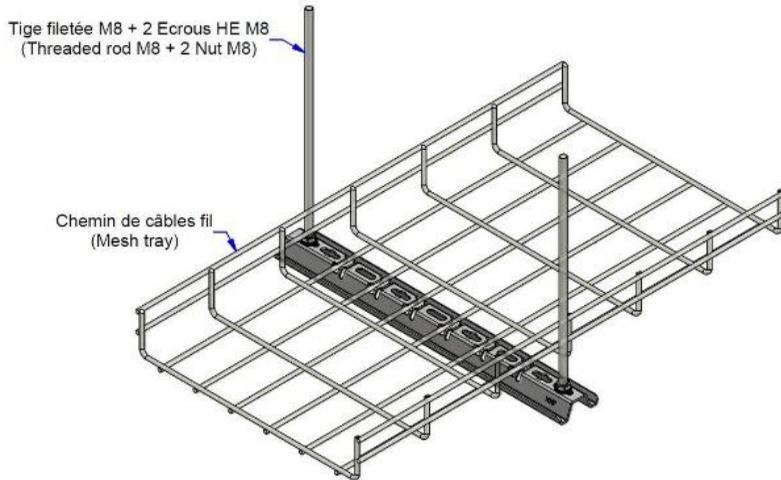
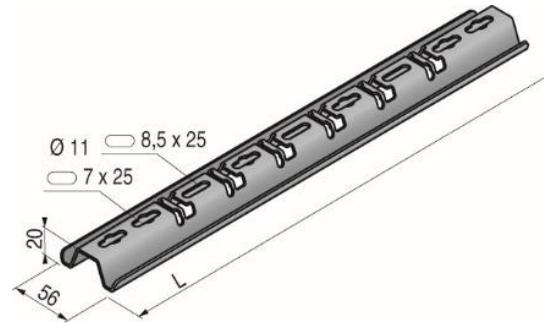
**RAILS S100U A LA PIECE**

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	10	S100U 200 I3	<b>750101</b>	2.00	0.230
	10	S100U 250 I3	<b>750102</b>	2.00	0.280
	10	S100U 350 I3	<b>750103</b>	2.00	0.390
	10	S100U 450 I3	<b>750104</b>	2.00	0.490
	10	S100U 550 I3	<b>750105</b>	2.00	0.610
	10	S100U 650 I3	<b>750106</b>	2.00	0.750



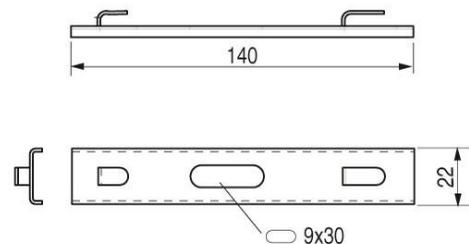
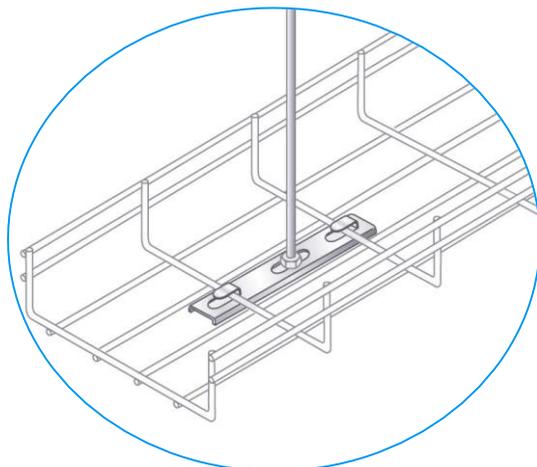
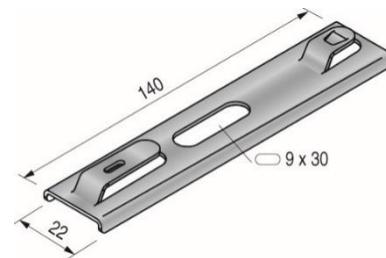
**BALANCELLES S100U**

	 p	Désignation	Code	Ep. mm	L. mm	Masse kg/p
<b>I3</b>	10	BALANCELLE S100U 100 I3	<b>750201</b>	2.00	204	0.260
	10	BALANCELLE S100U 150 I3	<b>750202</b>	2.00	254	0.320
	10	BALANCELLE S100U 200 I3	<b>750203</b>	2.00	304	0.380
	10	BALANCELLE S100U 300 I3	<b>750204</b>	2.00	404	0.500
	10	BALANCELLE S100U 400 I3	<b>750205</b>	2.00	504	0.620
	10	BALANCELLE S100U 500 I3	<b>750206</b>	2.00	604	0.740
	10	BALANCELLE S100U 600 I3	<b>750207</b>	2.00	704	0.860



**SUSPENTE RAPIDE SUR**

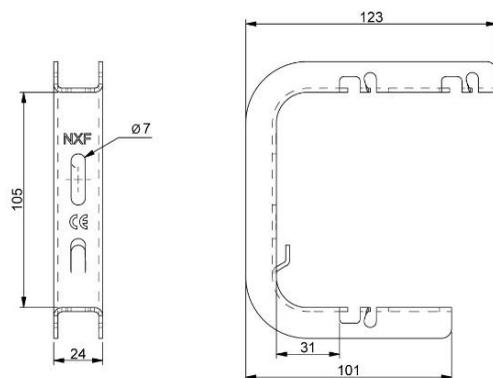
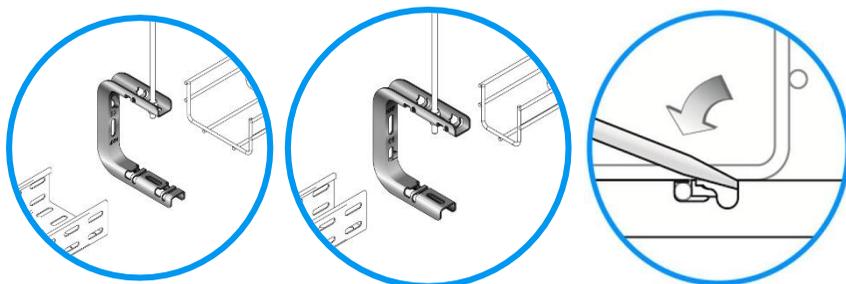
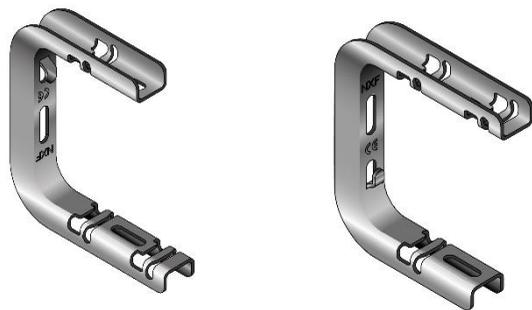
	 p	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I3</b>	25	SUR I3	<b>555085</b>	1.00	80	0.036



## SUPPORTS SFT

	 p	Désignation	Code	 daN	Masse kg/p
<b>I3</b>	25	SFT 50 - 100	<b>750050</b>	20	0.200

- **Support réversible** pour chemins de câbles tôle ou fil de largeur 50 et 100 mm
- Fixation **sans boulon** des chemins de câbles fil
- Fixation directe sur mur ou par tige filetée  $\varnothing$  6mm au plafond



## SUPPORT MULTIFONCTION SUL 50

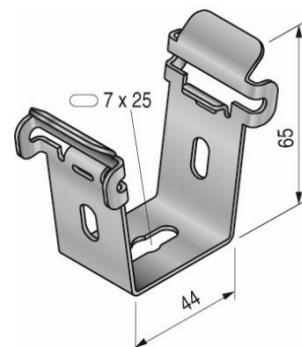
### Support central pour largeur 50 mm

#### Rapide :

- Suspension par tige filetée M6-M8 ou câble
- Clipsable
- Mains libres
- Sans boulons
- Verrouillable

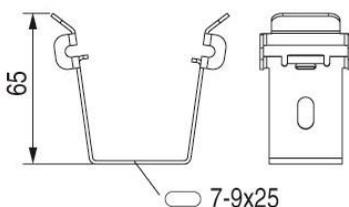
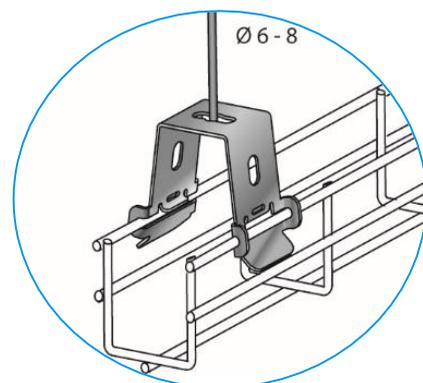
#### Multifonction

- Fixation directe plafond
- Fixation murale drapeau
- Fixation au sol
- Support d'appareillage



	 p	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I2</b>	10	SUL50 I2	<b>554118</b>	1.50	40	0.070

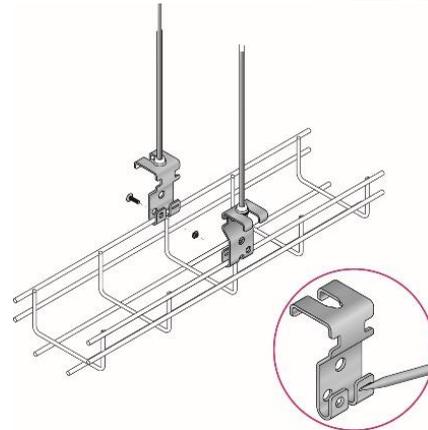
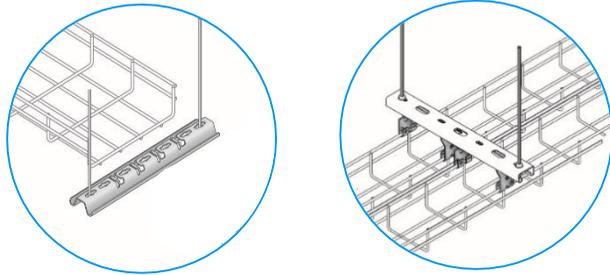
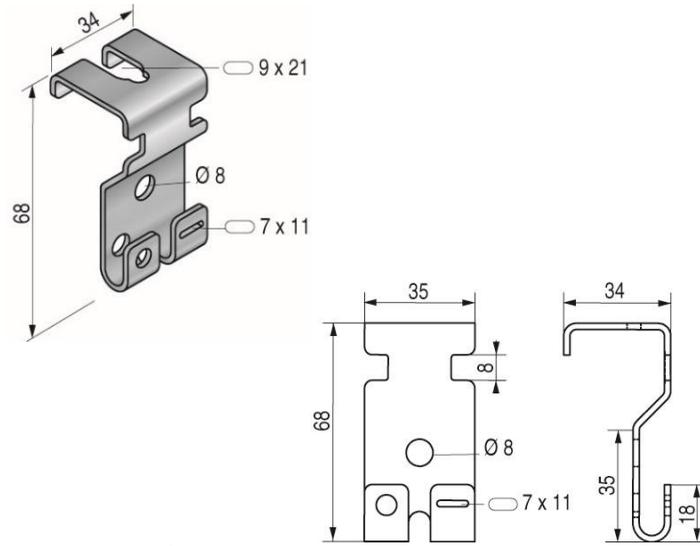
	 p	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I3</b>	10	SUL50 I3	<b>555118</b>	1.50	40	0.120



**SUSPENTE UFA**

	 p	Désignation	Code	 daN	Masse kg/p
<b>I2</b>	20	UFA I2	<b>554033</b>	100	0.070
	 p	Désignation	Code	 daN	Masse kg/p
<b>I3</b>	20	UFA I3	<b>555033</b>	100	0.057

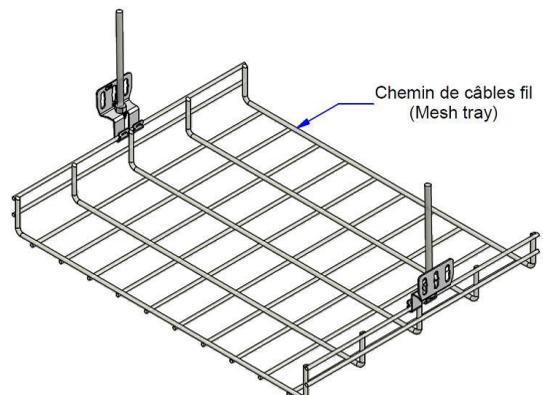
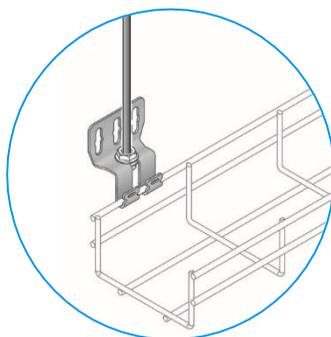
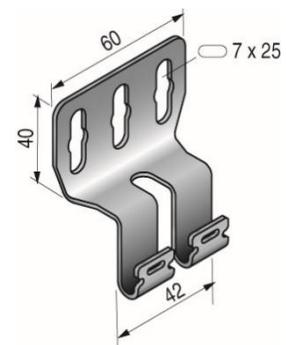
- Verrouillage à l'aide d'un tournevis
- Pour tiges filetées de diamètre 6 ou 8 mm
- Mains libres : la tige filetée ne peut se décrocher
- Sécurisation par TRL M6x30
- Se glisse dans le rail STRUT 41 pour suspension réglable



**SUPPORT VERTICAL SV 50**

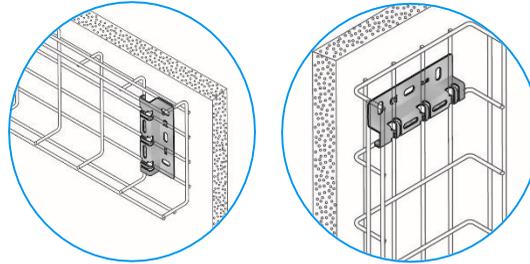
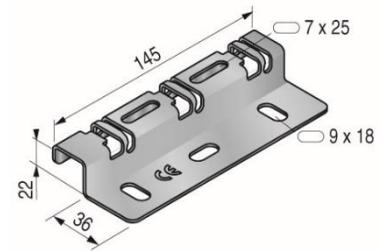
	 p	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I2</b>	20	SV50 I2	<b>554141</b>	1.50	30	0.050
	 p	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I3</b>	20	SV50 I3	<b>555141</b>	1.50	30	0.050

- Support vertical utilisable en suspension par tige filetée Ø M6-M8
- Réglable en 3 positions
- Mains libres : blocage en translation



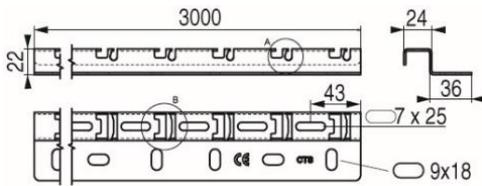
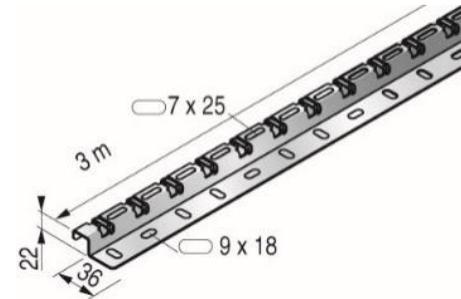
**ZUF 150 U**

	 P	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I3</b>	10	ZUF 150 U I3	<b>555147</b>	1.50	100	0.120



**Z DE FIXATION ZUF 3M**

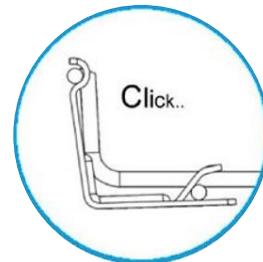
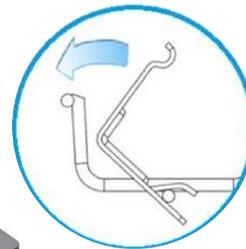
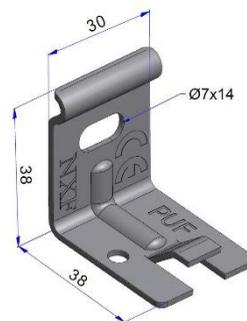
	 m	Désignation	Code	Ep. mm	 daN	Masse kg/ml
<b>I3</b>	3	ZUF U 3M I3	<b>555148</b>	1.50	100	1.037



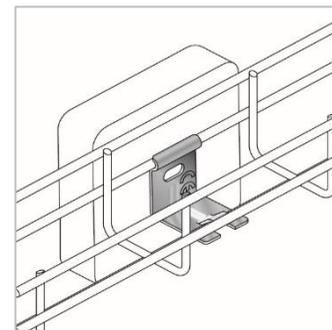
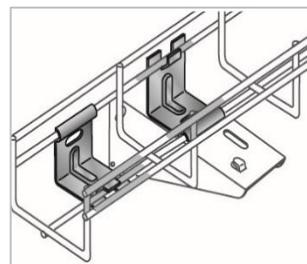
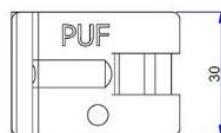
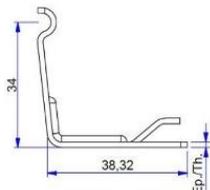
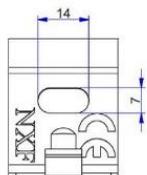
**PATTE PUF**

	 p	Désignation	Code	 daN	Masse kg/p
<b>I2</b>	50	PUF I2	<b>554036</b>	20	0.025

	 p	Désignation	Code	 daN	Masse kg/p
<b>I3</b>	50	PUF I3	<b>555036</b>	20	0.025



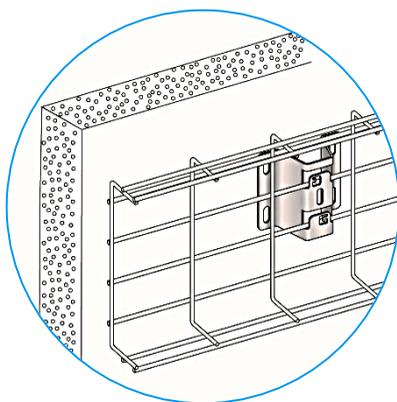
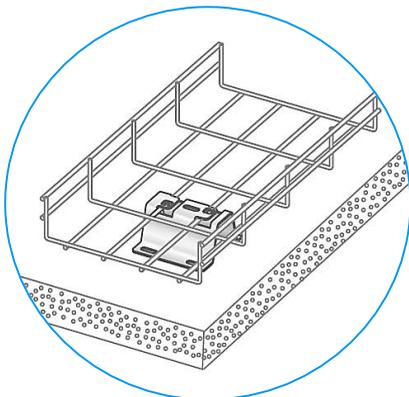
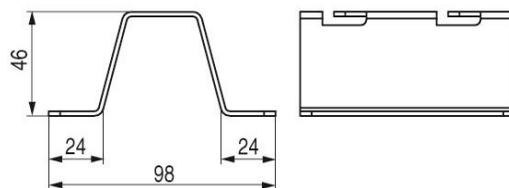
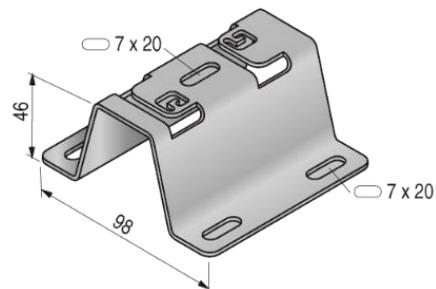
- Fixation directe sur paroi en largeur 50 mm et sur support de type rail STRUT 41 ou plot béton
- Fixation sur console jusque largeur 100 mm
- Fixation de boîtes ou accessoires



### SH 100 – SUPPORT HORIZONTAL

	 p	Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I2</b>	20	SH100 I2	<b>554142</b>	1.50	150	0.208

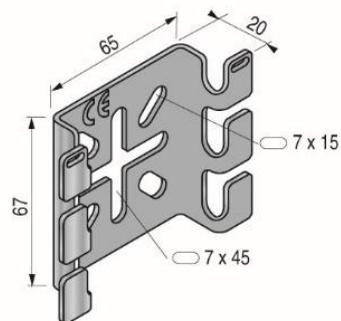
- Fixation sans boulons
- Chemin de câbles fixé à 46mm du sol



### UFU – SUPPORT MULTIFONCTION

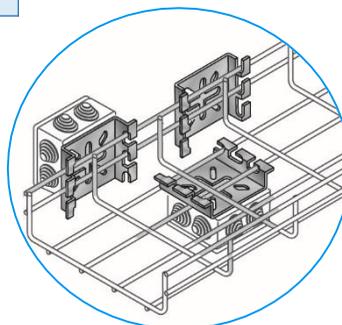
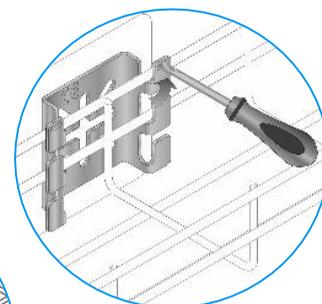
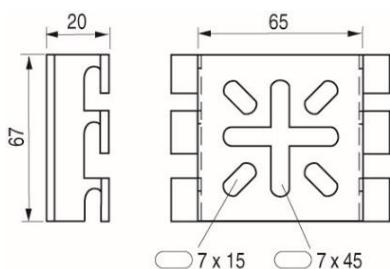
Accessoire multifonction, sûr et robuste, forte épaisseur, non agressif

- Fixation murale
- Fixation au sol (*largeur 100mm maxi*)
- Fixation d'appareillage ou de boîtes
- Fixation de luminaires
- Verrouillage par tournevis



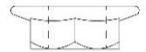
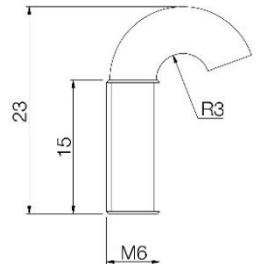
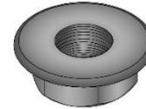
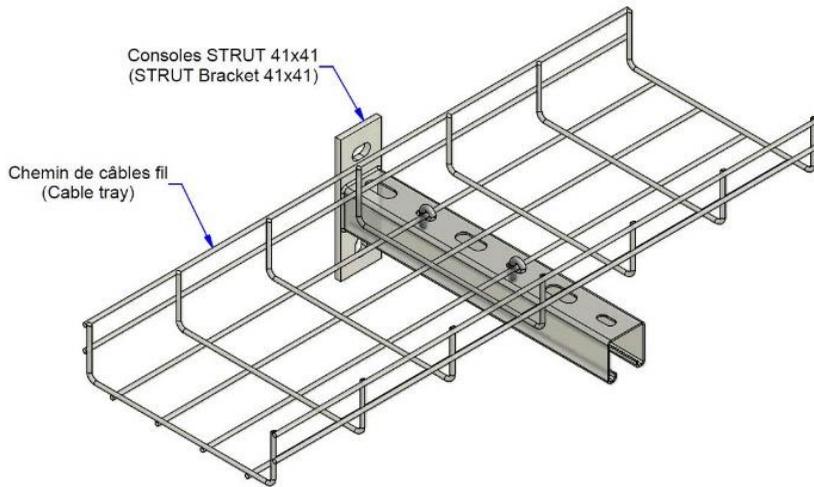
	 p	Désignation	Code	 daN	 daN	Masse kg/p
<b>I2</b>	20	UFU I2	<b>554037</b>	100	100	0.086

	 p	Désignation	Code	 daN	 daN	Masse kg/p
<b>I3</b>	20	UFU I3	<b>555037</b>	100	100	0.086



### CROCHET GRSM.6

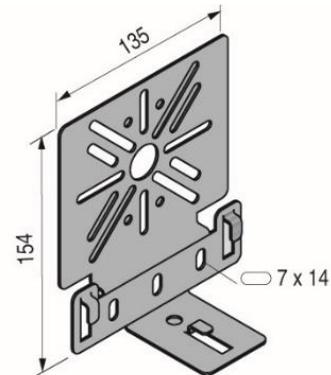
	 p	Désignation	Code	Masse kg/100
<b>I2</b>	50	GRSM.6 I2	<b>703612</b>	1.200



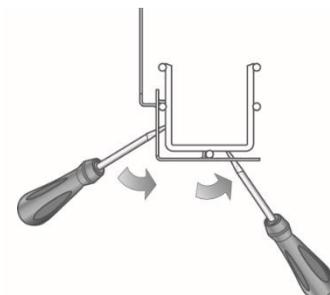
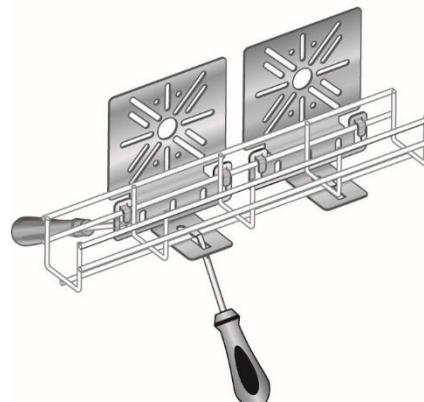
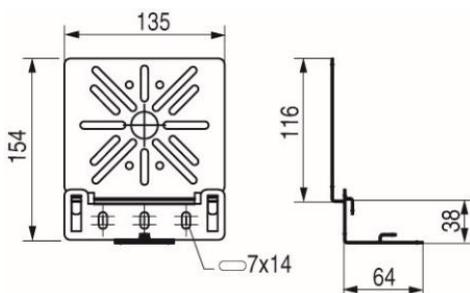
### SUPPORT DE BOITE SBP

	 p	Désignation	Code	Ep. mm	Masse kg/p
<b>I2</b>	1	SBP I2	<b>554145</b>	1.00	0.173

	 p	Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	1	SBP I3	<b>555145</b>	1.00	0.173

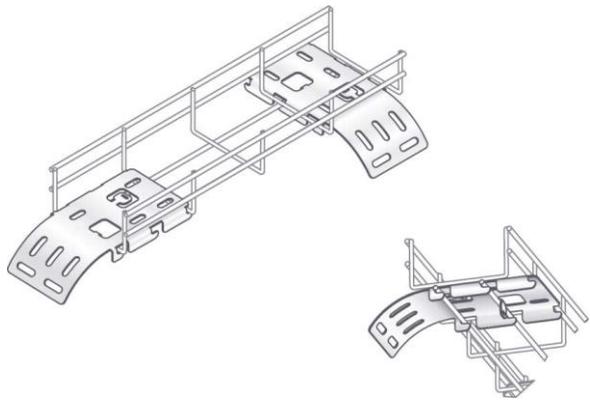
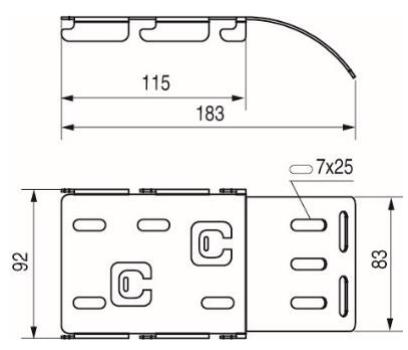
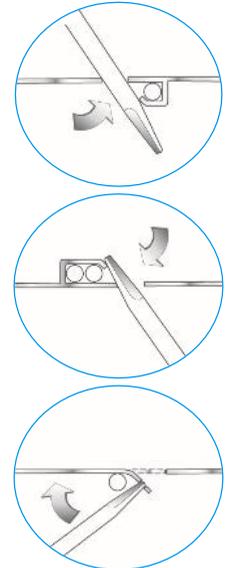
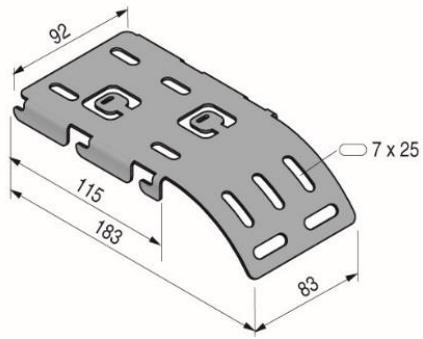


- **Pratique** : se monte après la pose des câbles, sans boulons et par l'extérieur
- Compatible tout type de boîtes
- Verrouillable par boulon KU20 ou par tournevis



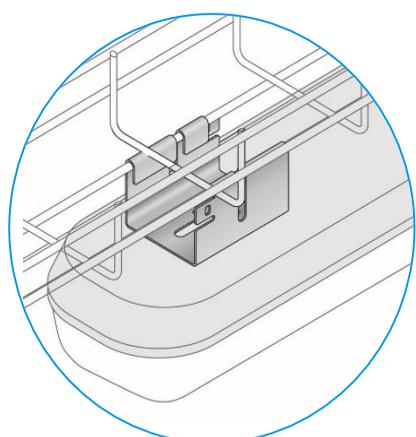
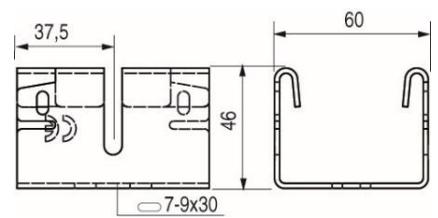
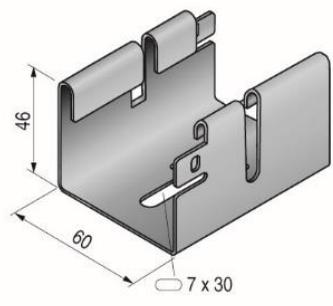
**SORTIE DE CABLES SC**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	10	SC UF I2	<b>554144</b>	0.220
<b>I3</b>	10	SC UF I3	<b>555144</b>	0.140

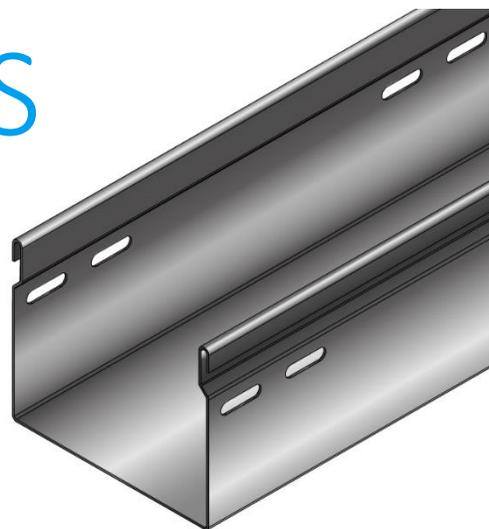


**SLU 100 – SUPPORT DE LUMINAIRE**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	10	SLU 100 I2	<b>554146</b>	0.220



# GOULOTTES



- GBRS..... p.60
- GRS..... p.68
- GA..... p.79
- PRC..... p.86

**Pour toutes applications nécessitant une protection électromagnétique et mécanique maximale. Convient pour la fibre optique.**

**AVANTAGES :**

Idéale contre les perturbations extérieures : la meilleure solution CEM en utilisation avec couvercle

**Passage des câbles > 2 mises en œuvre possibles :**

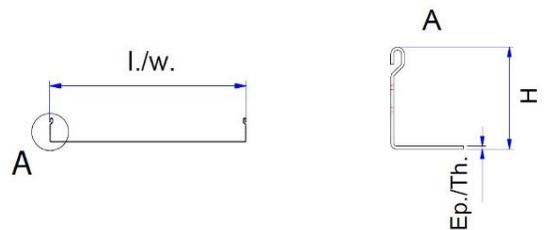
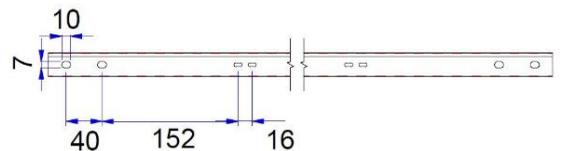
- Séparer les câbles de puissance et de communication en utilisant 2 goulottes
- Poser une seule goulotte et utiliser une cornière de Séparation LPS pour séparer les câbles

- Excellente protection mécanique
- Sécurité maximale pour les monteurs et pour les câbles : bords roulés fermés
- Clips de couvercle imperdables
- Rayons adaptés aux réseaux de fibre optique sur demande
- Continuité électrique selon les normes EN 500858
- Esthétique : permet de cacher les câbles
- Adaptable : gamme complète de 50 à 500 mm

**GBRS H24**

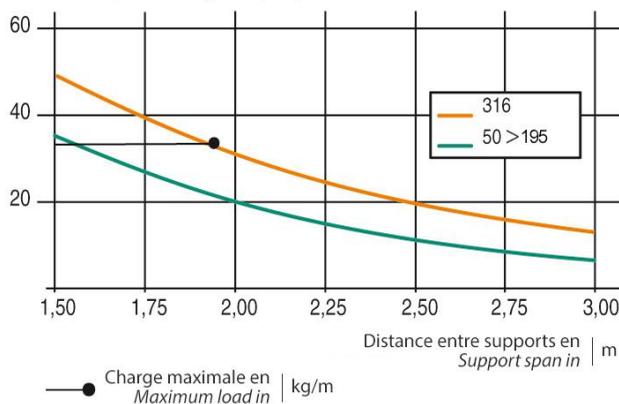
 m	Désignation	Code	Masse kg/ml
<b>I2</b>	3 GBRS 24x50 I2	<b>514001</b>	0.710
	3 GBRS 24x75 I2	<b>514002</b>	0.864
	3 GBRS 24x100 I2	<b>514003</b>	1.020
	3 GBRS 24x147 I2	<b>514005</b>	1.325
	3 GBRS 24x195 I2	<b>514007</b>	1.632

 m	Désignation	Code	Masse kg/ml
<b>I3</b>	3 GBRS 24x50 I3	<b>515001</b>	0.710
	3 GBRS 24x75 I3	<b>515002</b>	0.864
	3 GBRS 24x100 I3	<b>515003</b>	1.017
	3 GBRS 24x147 I3	<b>515005</b>	1.324
	3 GBRS 24x195 I3	<b>515007</b>	1.632



**GBRS 24**

CPS (Charge pratique de Sécurité) en SWL (Safe Working Load) in | kg/m

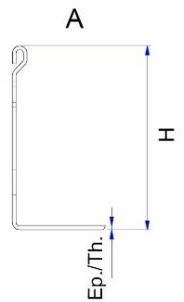
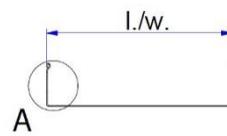
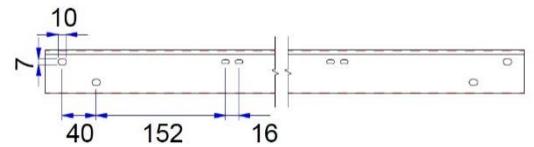


**GBRS H48**

		Désignation	Code	Masse kg/ml
<b>I2</b>	3	GBRS 48x50 I2	<b>514015</b>	1.020
	3	GBRS 48x75 I2	<b>514016</b>	1.170
	3	GBRS 48x100 I2	<b>514017</b>	1.324
	3	GBRS 48x147 I2	<b>514019</b>	1.630
	3	GBRS 48x195 I2	<b>514021</b>	1.940
	3	GBRS 48x316 I2	<b>514024</b>	2.616
	3	GBRS 48x412 I2	<b>514026</b>	4.150
	3	GBRS 48x507 I2	<b>514028</b>	4.920

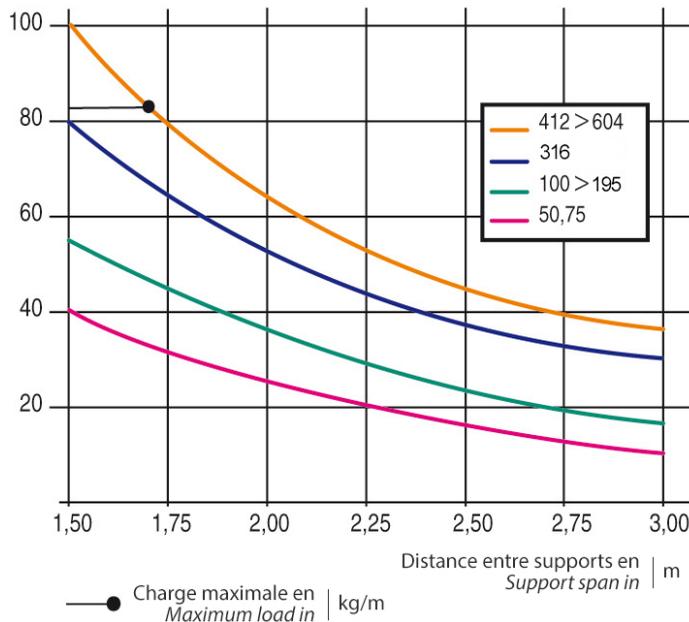


		Désignation	Code	Masse kg/ml
<b>I3</b>	3	GBRS 48x50 I3	<b>515015</b>	1.017
	3	GBRS 48x75 I3	<b>515016</b>	1.171
	3	GBRS 48x100 I3	<b>515017</b>	1.324
	3	GBRS 48x147 I3	<b>515019</b>	1.632
	3	GBRS 48x195 I3	<b>515021</b>	1.939
	3	GBRS 48x316 I3	<b>515024</b>	3.384
	3	GBRS 48x412 I3	<b>515026</b>	4.152
	3	GBRS 48x507 I3	<b>515028</b>	4.920



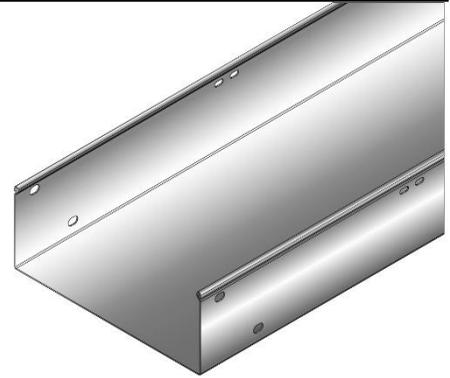
**GBRS 48**

CPS (Charge pratique de Sécurité) en | kg/m  
SWL (Safe Working Load) in | kg/m

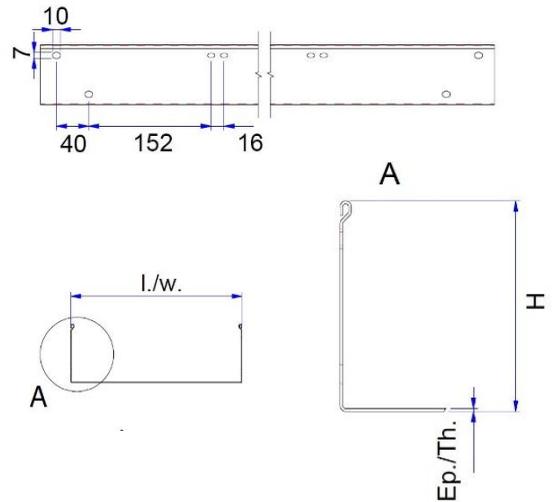


**GBRS H72**

	 m	Désignation	Code	Masse kg/ml
<b>I2</b>	3	GBRS 72x75 I2	<b>514029</b>	1.480
	3	GBRS 72x100 I2	<b>514030</b>	1.632
	3	GBRS 72x147 I2	<b>514032</b>	1.940
	3	GBRS 72x195 I2	<b>514034</b>	2.250
	3	GBRS 72x316 I2	<b>514037</b>	3.770
	3	GBRS 72x412 I2	<b>514039</b>	4.536
	3	GBRS 72x507 I2	<b>514041</b>	5.300

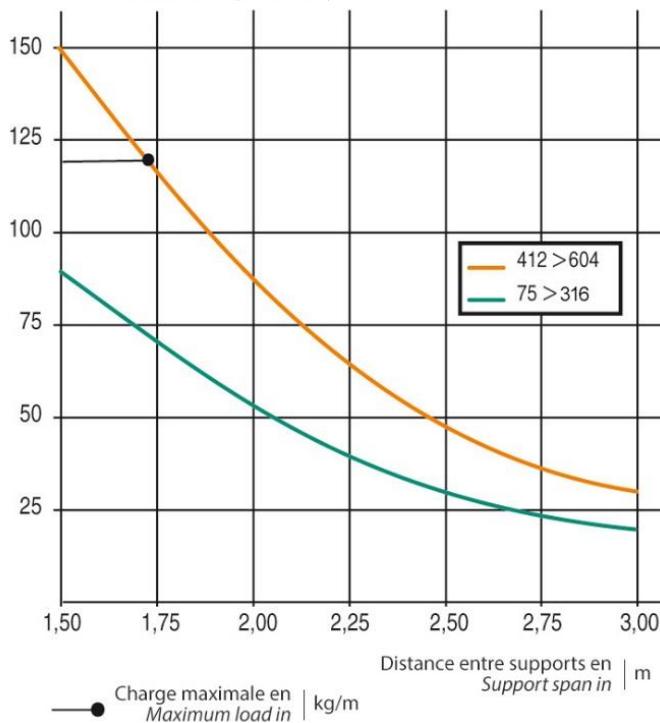


	 m	Désignation	Code	Masse kg/ml
<b>I3</b>	3	GBRS 72x75 I3	<b>515029</b>	1.478
	3	GBRS 72x100 I3	<b>515030</b>	1.630
	3	GBRS 72x147 I3	<b>515032</b>	1.940
	3	GBRS 72x195 I3	<b>515034</b>	2.250
	3	GBRS 72x316 I3	<b>515037</b>	3.770
	3	GBRS 72x412 I3	<b>515039</b>	4.540
	3	GBRS 72x507 I3	<b>515041</b>	5.304



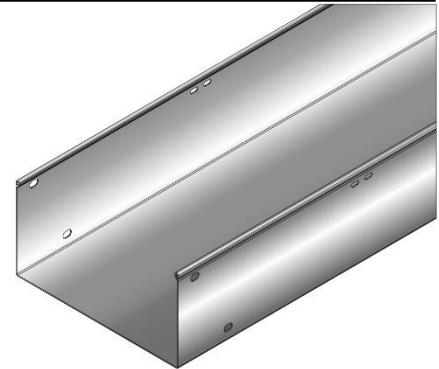
**GBRS 72**

CPS (Charge pratique de Sécurité) en | kg/m  
SWL (Safe Working Load) in | kg/m

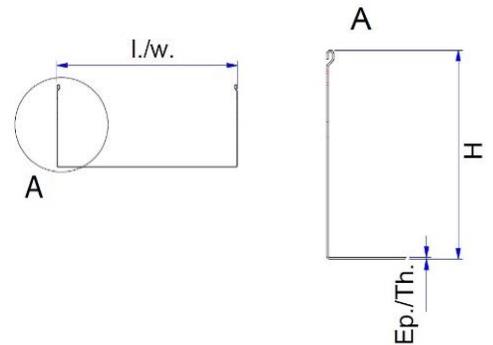
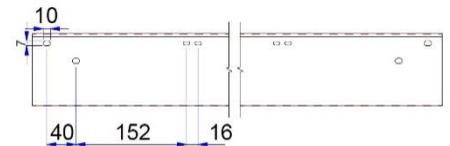


**GBRS H96**

 m	Désignation	Code	Masse kg/ml
<b>I2</b> 3	GBRS 96x100 I2	<b>514042</b>	1.930
3	GBRS 96x147 I2	<b>514044</b>	2.250
3	GBRS 96x195 I2	<b>514046</b>	2.550
3	GBRS 96x316 I2	<b>514049</b>	4.150
3	GBRS 96x412 I2	<b>514051</b>	4.920
3	GBRS 96x507 I2	<b>514053</b>	5.690

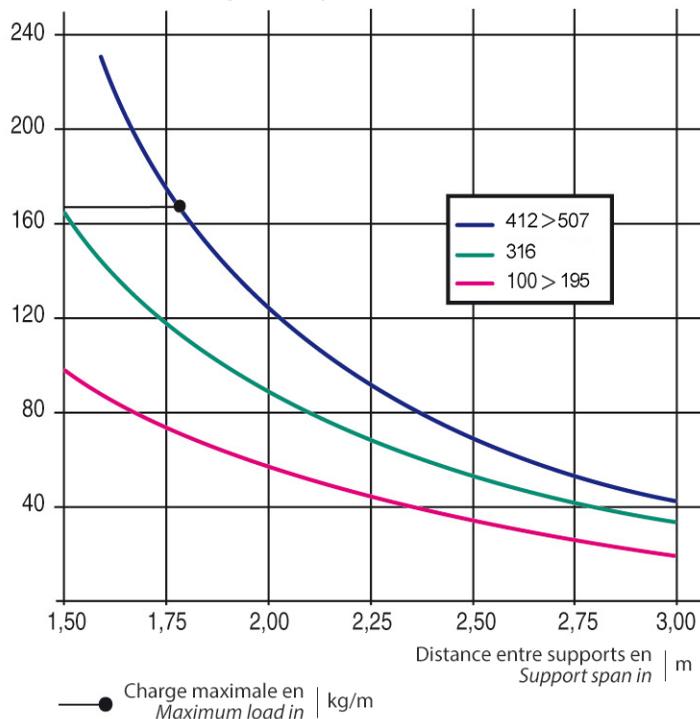


 m	Désignation	Code	Masse kg/ml
<b>I3</b> 3	GBRS 96x100 I3	<b>515042</b>	1.940
3	GBRS 96x147 I3	<b>515044</b>	2.240
3	GBRS 96x195 I3	<b>515046</b>	2.550
3	GBRS 96x316 I3	<b>515049</b>	4.150
3	GBRS 96x412 I3	<b>515051</b>	4.920
3	GBRS 96x507 I3	<b>515053</b>	5.688



**GBRS 96**

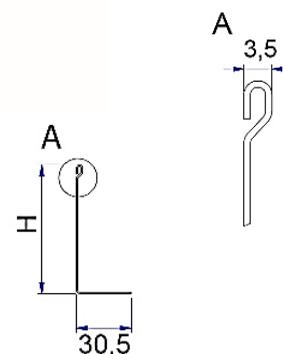
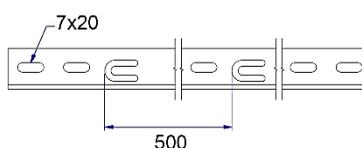
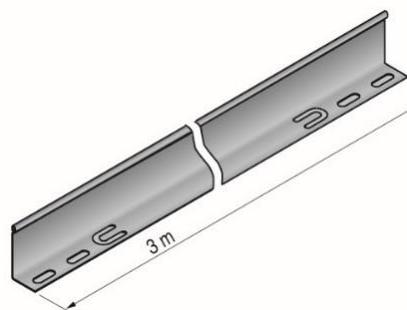
CPS (Charge pratique de Sécurité) en | kg/m  
SWL (Safe Working Load) in | kg/m



### CORNIERES DE SÉPARATION UNIVERSELLE LPSU

 m	Désignation	Code	H. mm	Masse kg/ml
<b>I2</b> 3	LPSU 24 I2	<b>549060</b>	24	0.300
3	LPSU 48 I2	<b>549061</b>	48	0.470
3	LPSU 72 I2	<b>549063</b>	72	0.678
3	LPSU 96 I2	<b>549062</b>	96	0.950

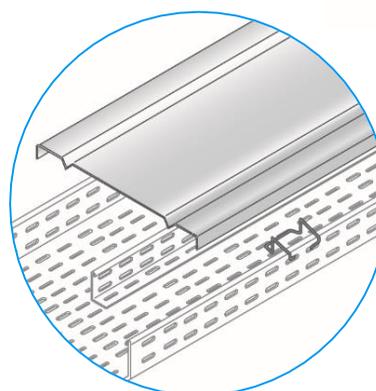
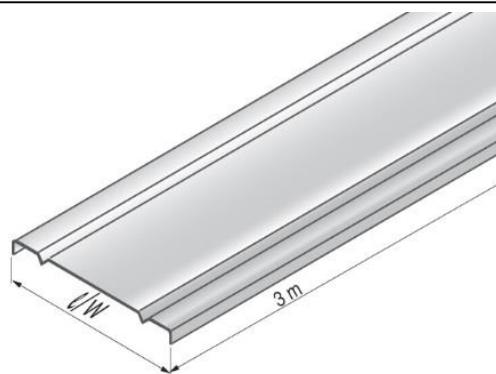
 m	Désignation	Code	H. mm	Masse kg/ml
<b>I3</b> 3	LPSU 24 I3	<b>550060</b>	24	0.300
3	LPSU 48 I3	<b>550061</b>	48	0.510
3	LPSU 72 I3	<b>550063</b>	72	0.678
3	LPSU 96 I3	<b>550062</b>	96	0.810



### COUVERCLE NERVURÉS

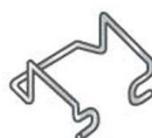
 m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
<b>I2</b> 3	CO NERV 50 I2	<b>417001</b>	0.80	50	0.436
3	CO NERV 75 I2	<b>417002</b>	0.80	75	0.581
3	CO NERV 100 I2	<b>417003</b>	0.80	100	0.733
3	CO NERV 147 I2	<b>417005</b>	0.80	147	1.036
3	CO NERV 195 I2	<b>417007</b>	0.80	195	1.340
3	CO NERV 316 I2	<b>417010</b>	0.80	316	2.105
3	CO NERV 412 I2	<b>417012</b>	1.00	412	3.381
3	CO NERV 507 I2	<b>417016</b>	1.00	507	4.140

 m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
<b>I3</b> 3	CO NERV 50 I3	<b>418001</b>	0.80	50	0.439
3	CO NERV 75 I3	<b>418002</b>	0.80	75	0.585
3	CO NERV 100 I3	<b>418003</b>	0.80	100	0.740
3	CO NERV 147 I3	<b>418005</b>	0.80	147	1.088
3	CO NERV 195 I3	<b>418007</b>	0.80	195	1.350
3	CO NERV 316 I3	<b>418010</b>	0.80	316	2.118
3	CO NERV 412 I3	<b>418012</b>	1.00	412	3.401
3	CO NERV 507 I3	<b>418016</b>	1.00	507	4.166



### CLIPS RS

 p	Désignation	Code	Masse kg/100
<b>I</b> 20	CLIPS RS INOX	<b>645024</b>	0.500

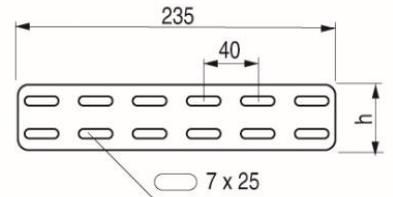


Prévoir 8 clips par longueur de 3m.

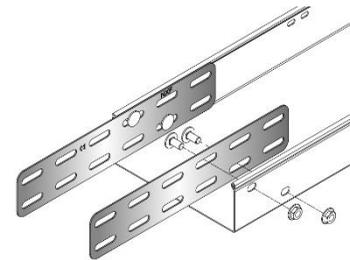
**ÉCLISSES PLATES EP**

 p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50 EP 24 I2	<b>408001</b>	1.00	22	0.032
	50 EP 48 I2	<b>408002</b>	1.00	46	0.069
	50 EP 72 I2	<b>408003</b>	1.00	70	0.106
	50 EP 96 I2	<b>408004</b>	1.00	94	0.142

 p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50 EP 24 I3	<b>410001</b>	1.00	22	0.034
	50 EP 48 I3	<b>410002</b>	1.00	46	0.071
	50 EP 72 I3	<b>410003</b>	1.00	70	0.109
	50 EP 96 I3	<b>410004</b>	1.00	94	0.146



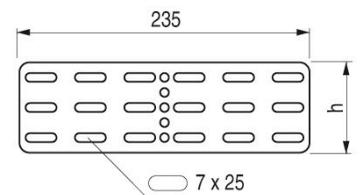
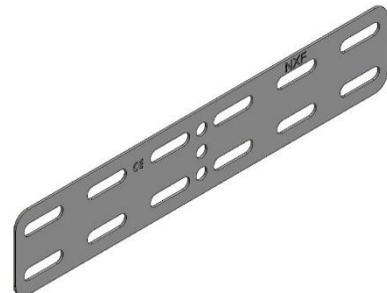
Fixation par 4 boulons poêliers TRCC M6x12 par éclipse réf. 529001



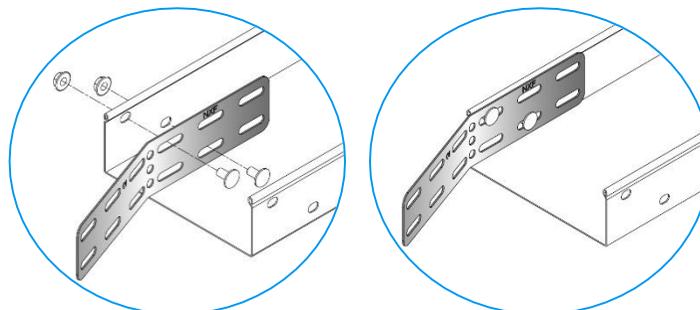
**ÉCLISSES PLIABLES ED**

 p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I2</b>	50 ED 24 I2	<b>408024</b>	1.00	22	0.032
	50 ED 48 I2	<b>408016</b>	1.00	46	0.069
	50 ED 72 I2	<b>408017</b>	1.00	70	0.106
	50 ED 96 I2	<b>408018</b>	1.00	94	0.142

 p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
<b>I3</b>	50 ED 24 I3	<b>410024</b>	1.00	22	0.032
	50 ED 48 I3	<b>410016</b>	1.00	46	0.069
	50 ED 72 I3	<b>410017</b>	1.00	70	0.106
	50 ED 96 I3	<b>410018</b>	1.00	94	0.142



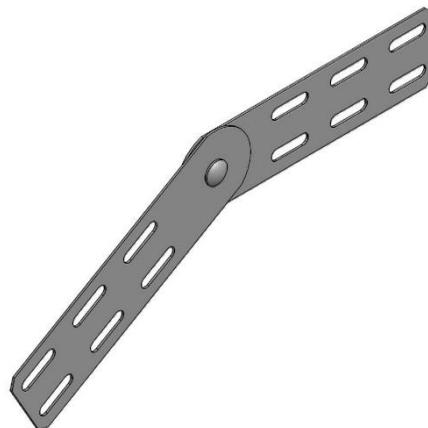
Fixation par 4 boulons poêliers TRCC M6x12 par éclipse réf. 529001



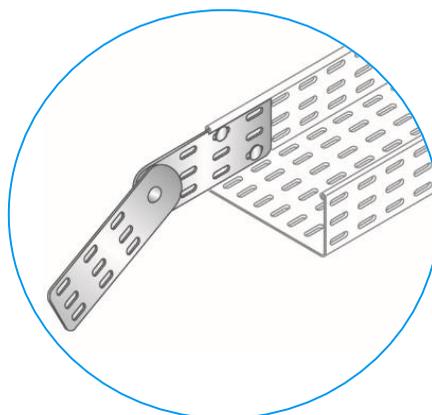
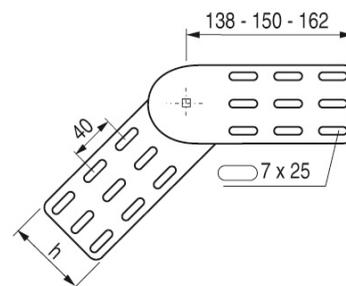
## ÉCLISSES ARTICULÉES EA

	Désignation	Code	H. mm	Masse kg/p
<b>I2</b> 50	EA 24/27 I2	<b>408005</b>	22	0.070
50	EA 48/51 I2	<b>408006</b>	46	0.150
50	EA 72/75 I2	<b>408007</b>	70	0.260
50	EA 96/99 I2	<b>408008</b>	94	0.370

	Désignation	Code	H. mm	Masse kg/p
<b>I3</b> 50	EA 24/27 I3	<b>410005</b>	22	0.070
50	EA 48/51 I3	<b>410006</b>	46	0.150
50	EA 72/75 I3	<b>410007</b>	70	0.260
50	EA 96/99 I3	<b>410008</b>	94	0.370

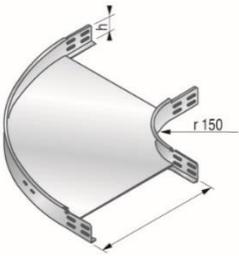


Fixation par 4 boulons poêliers TRCC M6x12 par éclipse réf. 529001

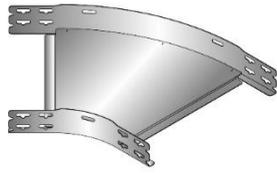


**ÉLÉMENTS DE RACCORDEMENT : sur demande**

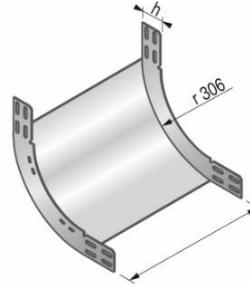
**VIRAGES 90°**



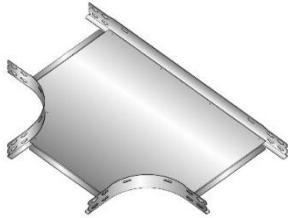
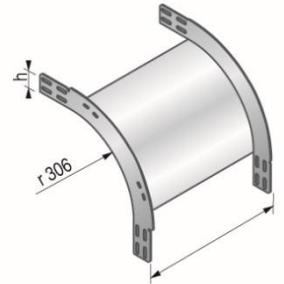
**VIRAGES 135°**



**CONCAVES**



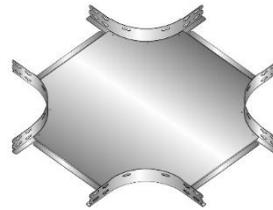
**CONVEXES**



**TES**



**SORTIES LATÉRALES**



**CROIX**

**COUVERCLES ÉLÉMENTS DE RACCORDEMENT : sur demande**

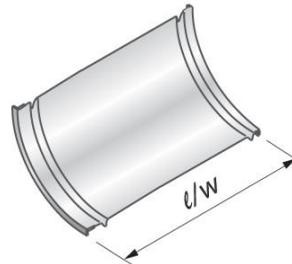
**COUVERCLE  
VIRAGES 90°**



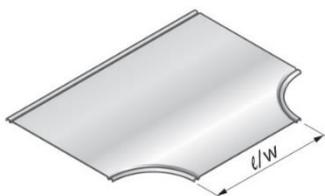
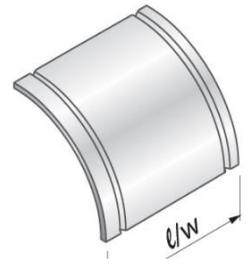
**COUVERCLE  
VIRAGES 135°**



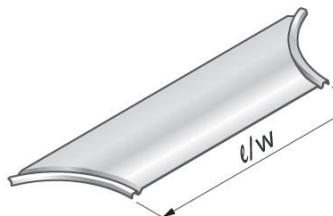
**COUVERCLE  
CONCAVE**



**COUVERCLE  
CONVEXE**



**COUVERCLE  
TES**



**COUVERCLE  
SORTIES LATÉRALES**



**COUVERCLE  
CROIX**

**La référence en matière de protection mécanique et CEM, notamment pour les câbles de communication.**  
Bords roulés autorisant le montage de clips couvercle.

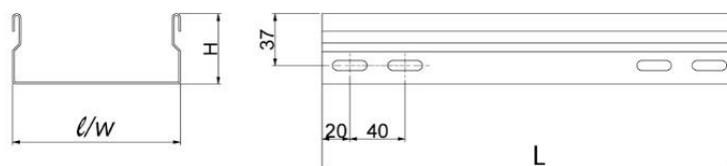
- Indice de protection IP40
- Economie à l'installation : moins de supports grâce à la résistance apportée par le profil
- Continuité électrique selon norme EN 50085
- Sur demande : autres dimensions

### GRS H48

 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I2</b>	3 GRS 48x48x0.80 I2	<b>327001</b>	1.050	0.80	48
	3 GRS 48x72x0.80 I2	<b>327002</b>	1.210	0.80	72
	3 GRS 48x96x0.80 I2	<b>327003</b>	1.360	0.80	96
	3 GRS 48x120x0.80 I2	<b>327004</b>	1.520	0.80	120
	3 GRS 48x144x0.80 I2	<b>327005</b>	1.670	0.80	144
	3 GRS 48x192x0.80 I2	<b>327007</b>	1.970	0.80	192
	3 GRS 48x312x0.80 I2	<b>327012</b>	2.730	0.80	312
	3 GRS 48x408x0.80 I2	<b>327016</b>	3.330	0.80	408
	3 GRS 48x504x1.00 I2	<b>327020</b>	4.890	1.00	504



 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I3</b>	3 GRS 48x48x0.80 I3	<b>227001</b>	1.070	0.80	48
	3 GRS 48x72x0.80 I3	<b>227002</b>	1.220	0.80	72
	3 GRS 48x96x0.80 I3	<b>227003</b>	1.370	0.80	96
	3 GRS 48x120x0.80 I3	<b>227004</b>	1.530	0.80	120
	3 GRS 48x144x0.80 I3	<b>227005</b>	1.680	0.80	144
	3 GRS 48x192x0.80 I3	<b>227007</b>	1.980	0.80	192
	3 GRS 48x312x0.80 I3	<b>227012</b>	2.750	0.80	312

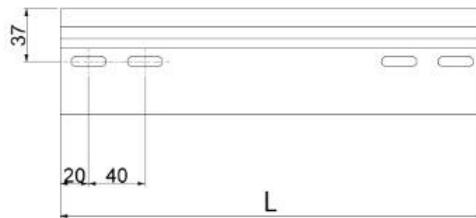
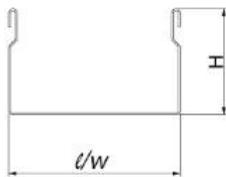


**GRS H72**

	 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I2</b>	3	GRS 72x72x0.80 I2	<b>327032</b>	1.520	0.80	72
	3	GRS 72x96x0.80 I2	<b>327033</b>	1.670	0.80	96
	3	GRS 72x120x0.80 I2	<b>327034</b>	1.810	0.80	120
	3	GRS 72x144x0.80 I2	<b>327035</b>	1.970	0.80	144
	3	GRS 72x192x0.80 I2	<b>327037</b>	2.470	0.80	192
	3	GRS 72x312x0.80 I2	<b>327042</b>	3.030	0.80	312
	3	GRS 72x408x1.00 I2	<b>327046</b>	4.550	1.00	408
	3	GRS 72x504x1.00 I2	<b>327050</b>	5.275	1.00	504



	 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I3</b>	3	GRS 72x72x0.80 I3	<b>227032</b>	1.520	0.80	72
	3	GRS 72x96x0.80 I3	<b>227033</b>	1.680	0.80	96
	3	GRS 72x120x0.80 I3	<b>227034</b>	1.820	0.80	120
	3	GRS 72x144x0.80 I3	<b>227035</b>	1.980	0.80	144
	3	GRS 72x192x0.80 I3	<b>227037</b>	2.290	0.80	192
	3	GRS 72x312x0.80 I3	<b>227042</b>	3.050	0.80	312
	3	GRS 72x408x1.00 I3	<b>227046</b>	4.580	1.00	408
	3	GRS 72x504x1.00 I3	<b>227050</b>	5.340	1.00	504

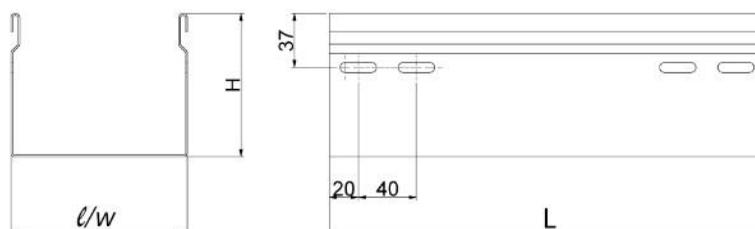
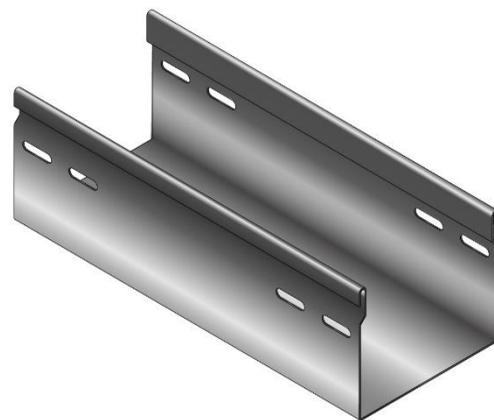


Ht:72

GRS H96

 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I2</b> 3	GRS 96x96x0.80 I2	<b>327063</b>	1.970	0.80	96
3	GRS 96x120x0.80 I2	<b>327064</b>	2.120	0.80	120
3	GRS 96x144x0.80 I2	<b>327065</b>	2.280	0.80	144
3	GRS 96x192x0.80 I2	<b>327067</b>	2.580	0.80	192
3	GRS 96x312x0.80 I2	<b>327072</b>	3.330	0.80	312
3	GRS 96x408x1.00 I2	<b>327076</b>	4.920	0.80	408
3	GRS 96x504x1.00 I2	<b>327080</b>	5.680	0.80	504

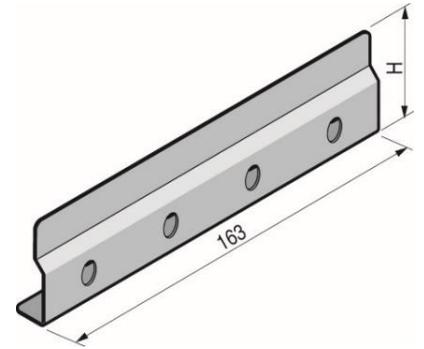
 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I3</b> 3	GRS 96x96x0.80 I3	<b>227063</b>	1.980	0.80	96
3	GRS 96x120x0.80 I3	<b>227064</b>	2.140	0.80	120
3	GRS 96x144x0.80 I3	<b>227065</b>	2.290	0.80	144
3	GRS 96x312x0.80 I3	<b>227072</b>	3.360	0.80	312
3	GRS 96x408x1.00 I3	<b>227076</b>	4.960	1.00	408



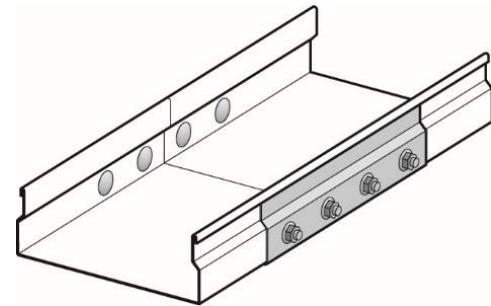
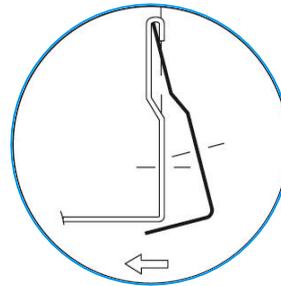
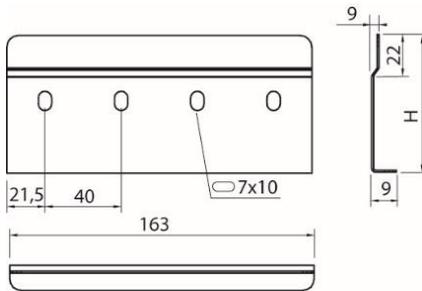
ÉCLISSES GRS

	 p	Désignation	Code	Masse kg/p	Ep. mm	H. mm
I2	20	EGRS 48 I2	<b>327901</b>	0.069	1.00	48
	20	EGRS 72 I2	<b>327902</b>	0.101	1.00	72
	20	EGRS 96 I2	<b>327903</b>	0.130	1.00	96

	 p	Désignation	Code	Masse kg/p	Ep. mm	H. mm
I3	20	EGRS 48 I3	<b>227901</b>	0.069	1.00	48
	20	EGRS 72 I3	<b>227902</b>	0.102	1.00	72
	20	EGRS 96 I3	<b>227903</b>	0.131	1.00	96



- Fixation par 4 Boulons Poêliers M6x12 réf 529001

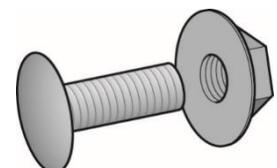
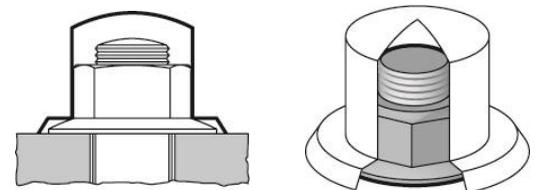


BOULON ET CACHE ÉCROU

	 p	Désignation	Code	Masse kg/100
I2	100	BP TRCC M6x12 HE A2/304	<b>030471</b>	0.800

	 p	Désignation	Code	Masse kg/100
I3	100	BP TRCC M6x12 HE A4/316	<b>529001</b>	0.800

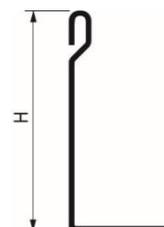
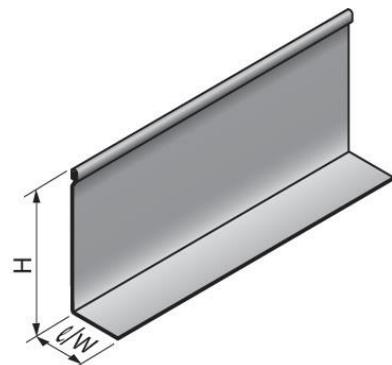
	 p	Désignation	Code	Masse kg/100
PVC	100	CACHE ECROU M6 PLASTIQUE NOIR	<b>085095</b>	0.005



**CORNIÈRES DE SÉPARATION LPS NP**

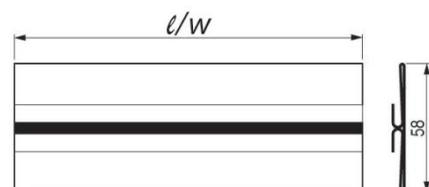
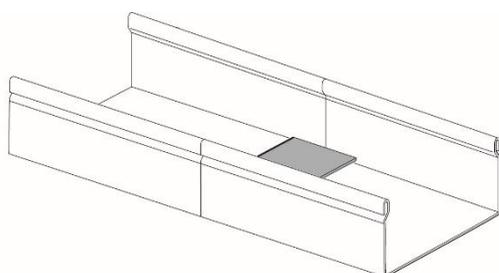
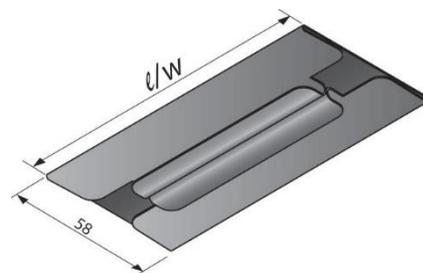
	 m	Désignation	Code	Masse kg/ml	Ep. mm	H. mm
<b>I2</b>	3	CORN LPSNP H 48/ 51X0,80 3M I2	<b>314641</b>	0.480	0.80	48
	3	CORN LPSNP H 72/ 75X0,80 3M I2	<b>314642</b>	0.633	0.80	72
	3	CORN LPSNP H 96/ 99X0,80 3M I2	<b>314643</b>	0.780	0.80	96

	 m	Désignation	Code	Masse kg/ml	Ep. mm	H. mm
<b>I3</b>	3	CORN LPSNP H 48/ 51X0,80 3M I3	<b>214641</b>	0.480	0.80	48
	3	CORN LPSNP H 72/ 75X0,80 3M I3	<b>214642</b>	0.630	0.80	72
	3	CORN LPSNP H 96/ 99X0,80 3M I3	<b>214643</b>	0.810	0.80	96



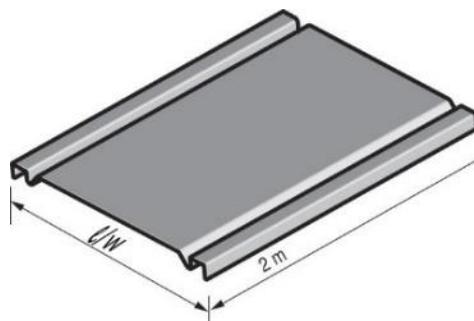
**JONCTION DE FOND DE DALLE FD - GRS**

	 p	Désignation	Code	Masse kg/p	Ep. mm	L. mm
<b>I2</b>	1	JONCTION FD 123 I2	<b>313903</b>	0.110	0.60	116
	1	JONCTION FD 147 I2	<b>313904</b>	0.110	0.60	140
	1	JONCTION FD 195 I2	<b>313906</b>	0.184	0.60	184
	1	JONCTION FD 316 I2	<b>313911</b>	0.260	0.60	308
	1	JONCTION FD 412 I2	<b>313915</b>	0.340	0.60	404

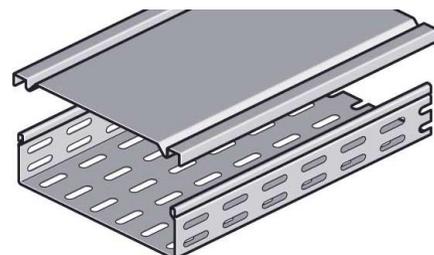


## COUVERCLES CO2

	 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I2</b>	2	CO2 50 I2	<b>305001</b>	0.80	50	0.460
	2	CO2 75 I2	<b>305002</b>	0.80	75	0.610
	2	CO2 100 I2	<b>305003</b>	0.80	100	0.760
	2	CO2 123 I2	<b>305004</b>	0.80	123	0.910
	2	CO2 147 I2	<b>305005</b>	0.80	147	1.060
	2	CO2 195 I2	<b>305007</b>	0.80	195	1.370
	2	CO2 316 I2	<b>305012</b>	0.80	316	2.120
	2	CO2 412 I2	<b>305016</b>	0.80	412	2.730
	2	CO2 507 I2	<b>305020</b>	0.80	507	3.340
	2	CO2 604 I2	<b>305024</b>	1.00	604	4.930



	 m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>I3</b>	2	CO2 50 I3	<b>205201</b>	0.458	0.80	50
	2	CO2 75 I3	<b>205202</b>	0.610	0.80	75
	2	CO2 100 I3	<b>205203</b>	0.763	0.80	100
	2	CO2 123 I3	<b>205204</b>	0.916	0.80	123
	2	CO2 147 I3	<b>205205</b>	1.068	0.80	147
	2	CO2 195 I3	<b>205207</b>	1.374	0.80	195
	2	CO2 316 I3	<b>205212</b>	2.137	0.80	316
	2	CO2 412 I3	<b>205216</b>	2.747	0.80	412
	2	CO2 507 I3	<b>205220</b>	3.360	0.80	507
	2	CO2 604 I3	<b>205224</b>	4.960	1.00	604

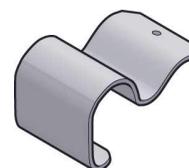
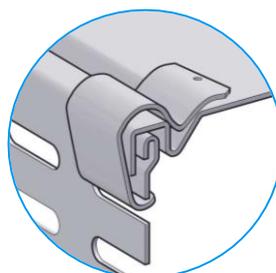


- Vis autotaraudeuses ou collier sur demande
- Option clips CO6 pour démontage avec outils
- Prévoir 6 clips tous les 2 m

## CLIPS CO3

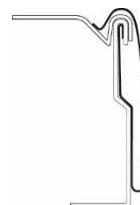
	 p	Désignation	Code	Masse kg/100
<b>I</b>	100	CLIPS CO3 INOX	<b>023450</b>	0.300

Prévoir 6 clips tous les 2 mètres



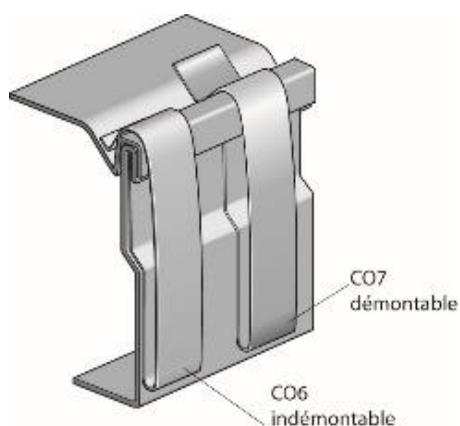
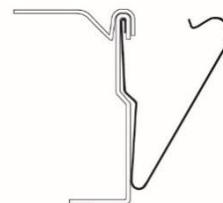
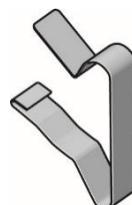
### CLIPS IMPERDABLES C06

		Désignation	Code	Masse kg/100
<b>I2</b>	100	CLIPS C06 IMPERDABLE INOX	<b>023454</b>	0.800



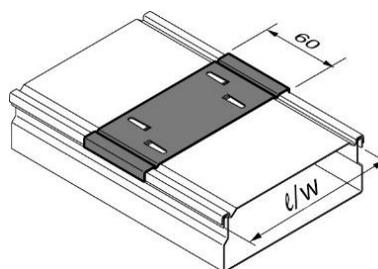
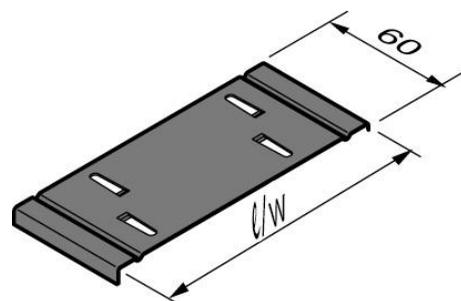
### CLIPS IMPERDABLES C07

		Désignation	Code	Masse kg/100
<b>I2</b>	100	CLIPS C07 IMPERDABLE INOX	<b>023455</b>	0.900



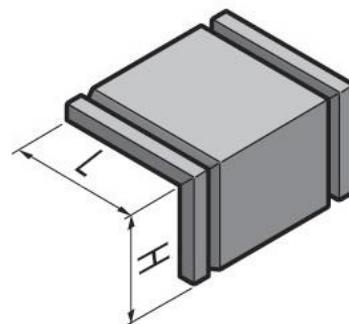
### JONCTIONS DE COUVERCLE CO2 CEM

		Désignation	Code	Masse kg/p
<b>I2</b>	1	JONCTION CO2 CEM 51 I2	<b>340060</b>	0.032
	1	JONCTION CO2 CEM 75 I2	<b>340061</b>	0.043
	1	JONCTION CO2 CEM 99 I2	<b>340062</b>	0.054
	1	JONCTION CO2 CEM 123 I2	<b>340063</b>	0.066
	1	JONCTION CO2 CEM 147 I2	<b>340064</b>	0.077
	1	JONCTION CO2 CEM 195 I2	<b>340066</b>	0.996
	1	JONCTION CO2 CEM 316 I2	<b>340071</b>	0.156

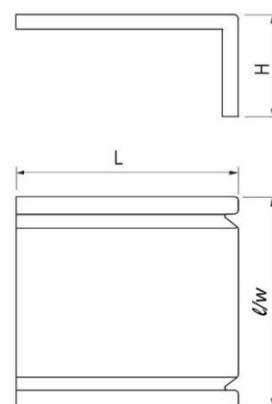


**FERMETURE GRS H48**

	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b>	1 FERMETURE GRS 48x48 I2	<b>328721</b>	0.087	1.00
	1 FERMETURE GRS 48x72 I2	<b>328722</b>	0.116	1.00
	1 FERMETURE GRS 48x96 I2	<b>328723</b>	0.145	1.00
	1 FERMETURE GRS 48x120 I2	<b>328724</b>	0.174	1.00
	1 FERMETURE GRS 48x144 I2	<b>328725</b>	0.203	1.00
	1 FERMETURE GRS 48x192 I2	<b>328727</b>	0.261	1.00
	1 FERMETURE GRS 48x312 I2	<b>328732</b>	0.406	1.00
	1 FERMETURE GRS 48x408 I2	<b>328736</b>	0.418	1.00
	1 FERMETURE GRS 48x504 I2	<b>328740</b>	0.638	1.00

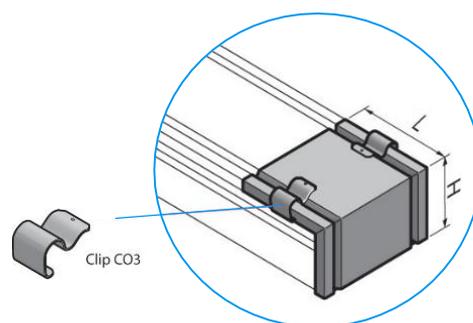


	Désignation	Code	Masse kg/p	Ep. mm
<b>I3</b>	1 FERMETURE GRS 48x48 I3	<b>228721</b>	0.088	1.00
	1 FERMETURE GRS 48x72 I3	<b>228722</b>	0.117	1.00
	1 FERMETURE GRS 48x96 I3	<b>228723</b>	0.146	1.00
	1 FERMETURE GRS 48x120 I3	<b>228724</b>	0.175	1.00
	1 FERMETURE GRS 48x144 I3	<b>228725</b>	0.204	1.00
	1 FERMETURE GRS 48x192 I3	<b>228727</b>	0.263	1.00
	1 FERMETURE GRS 48x312 I3	<b>228732</b>	0.409	1.00

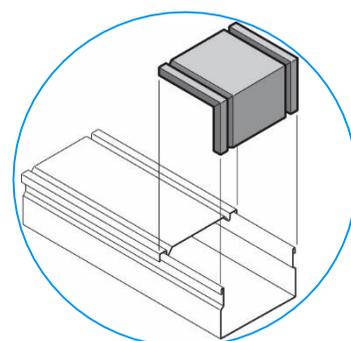


**FERMETURE GRS H72**

	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b>	1 FERMETURE GRS 72x72 I2	<b>328752</b>	0.116	1.00
	1 FERMETURE GRS 72x96 I2	<b>328753</b>	0.145	1.00
	1 FERMETURE GRS 72x120 I2	<b>328754</b>	0.174	1.00
	1 FERMETURE GRS 72x144 I2	<b>328755</b>	0.203	1.00
	1 FERMETURE GRS 72x192 I2	<b>328757</b>	0.290	1.00
	1 FERMETURE GRS 72x312 I2	<b>328762</b>	0.406	1.00
	1 FERMETURE GRS 72x408 I2	<b>328766</b>	0.522	1.00



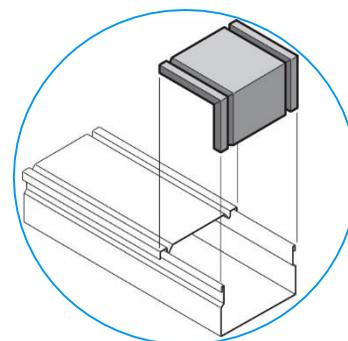
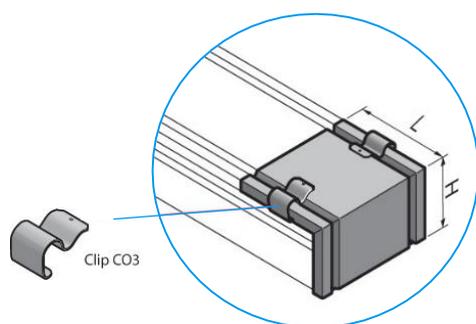
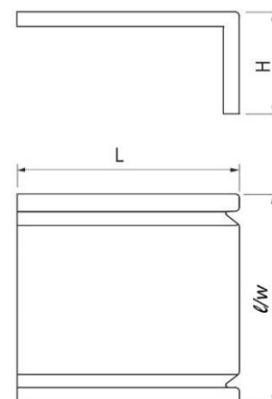
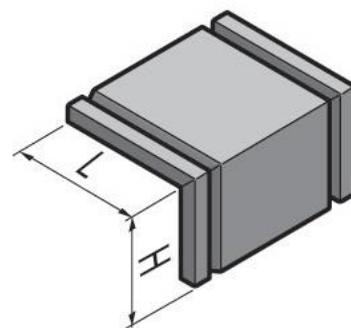
	Désignation	Code	Masse kg/p	Ep. mm
<b>I3</b>	1 FERMETURE GRS 72x72 I3	<b>228752</b>	0.117	1.00
	1 FERMETURE GRS 72x96 I3	<b>228753</b>	0.146	1.00
	1 FERMETURE GRS 72x120 I3	<b>228754</b>	0.175	1.00
	1 FERMETURE GRS 72x144 I3	<b>228755</b>	0.204	1.00
	1 FERMETURE GRS 72x192 I3	<b>228757</b>	0.263	1.00
	1 FERMETURE GRS 72x504 I3	<b>228770</b>	0.642	1.00



**FERMETURE GRS H96**

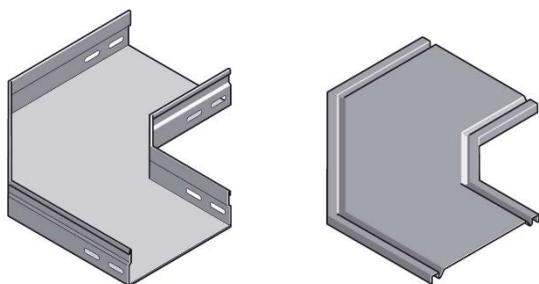
 p	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b> 1	FERMETURE GRS 96x96 I2	<b>328783</b>	0.218	1.00
1	FERMETURE GRS 96x120 I2	<b>328784</b>	0.209	1.00
1	FERMETURE GRS 96x144 I2	<b>328785</b>	0.305	1.00
1	FERMETURE GRS 96x312 I2	<b>328792</b>	0.611	1.00
1	FERMETURE GRS 96x408 I2	<b>328796</b>	0.785	1.00
1	FERMETURE GRS 96x504 I2	<b>328800</b>	0.960	1.00

 p	Désignation	Code	Masse kg/p	Ep. mm
<b>I3</b> 1	FERMETURE GRS 96x96 I3	<b>228783</b>	0.219	1.00
1	FERMETURE GRS 96x144 I3	<b>228785</b>	0.307	1.00
1	FERMETURE GRS 96x312 I3	<b>228792</b>	0.614	1.00
1	FERMETURE GRS 96x504 I3	<b>228800</b>	0.965	1.00

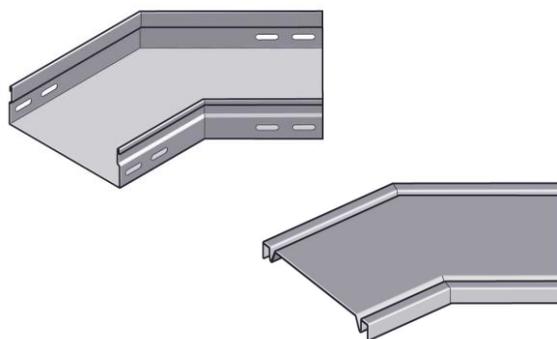


ÉLÉMENTS DE RACCORDEMENT + COUVERCLES : sur demande

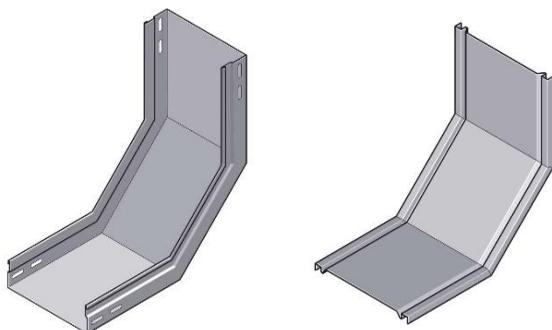
VIRAGES 90°



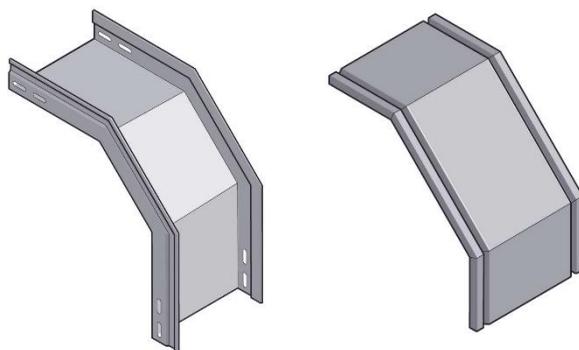
VIRAGES 135°



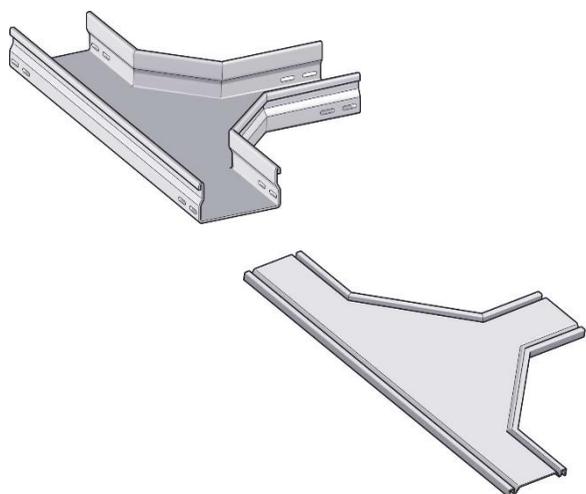
CONCAVES



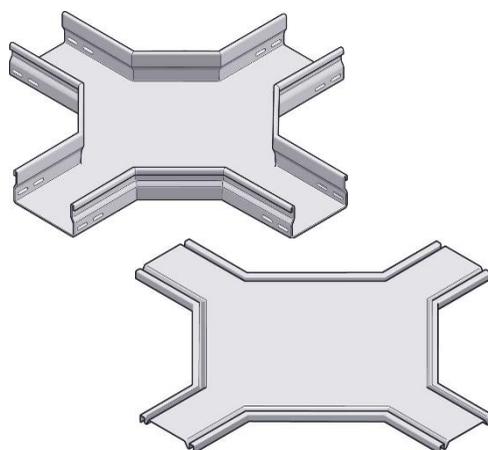
CONVEXES



TES

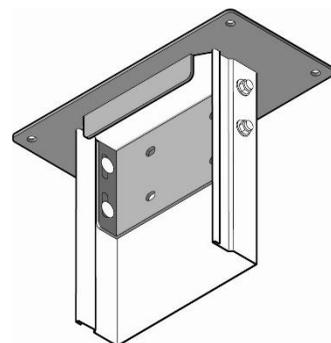


CROIX



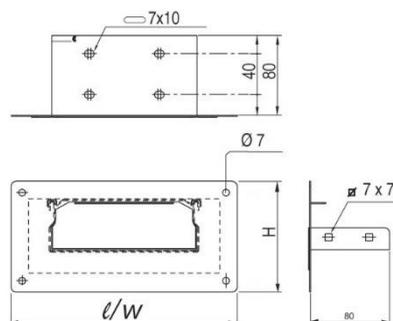
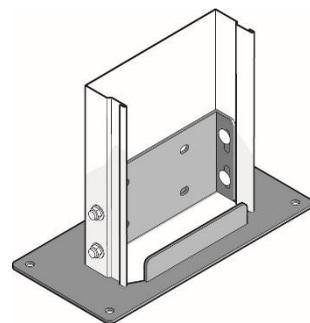
### RACCORDS D'ARMOIRE H48

	 p	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b>	1	RACCORD ARMOIRE GRS 48x48 I2	<b>329501</b>	0.163	1.00
	1	RACCORD ARMOIRE GRS 48x72 I2	<b>329502</b>	0.198	1.00
	1	RACCORD ARMOIRE GRS 48x96 I2	<b>329503</b>	0.234	1.00
	1	RACCORD ARMOIRE GRS 48x120 I2	<b>329504</b>	0.270	1.00
	1	RACCORD ARMOIRE GRS 48x144 I2	<b>329505</b>	0.305	1.00
	1	RACCORD ARMOIRE GRS 48x192 I2	<b>329507</b>	0.376	1.00



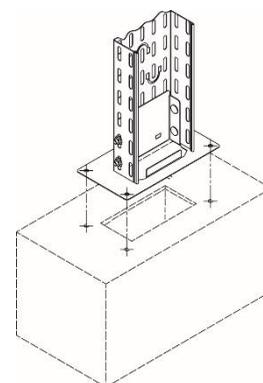
### RACCORDS D'ARMOIRE H72

	 p	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b>	1	RACCORD ARMOIRE GRS 72x72 I2	<b>329532</b>	0.253	
	1	RACCORD ARMOIRE GRS 72x96 I2	<b>329533</b>	0.288	
	1	RACCORD ARMOIRE GRS 72x120 I2	<b>329534</b>	0.324	
	1	RACCORD ARMOIRE GRS 72x144 I2	<b>329535</b>	0.359	
	1	RACCORD ARMOIRE GRS 72x408 I2	<b>329546</b>	0.750	



### RACCORDS D'ARMOIRE H96

	 p	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b>	1	RACCORD ARMOIRE GRS 96x144 I2	<b>329565</b>	0.413	
	1	RACCORD ARMOIRE GRS 96x312 I2	<b>329572</b>	0.662	
	1	RACCORD ARMOIRE GRS 96x504 I2	<b>329580</b>	0.946	



**Recommandée pour l'industrie agro-alimentaire, la chimie fine, l'industrie pharmaceutique**

- Aucune rétention de poussière : système fermé et rigide
- Couvercles encliquetables livrés en standard
- Permet le respect des Directives HACCP

**Caractéristiques :**

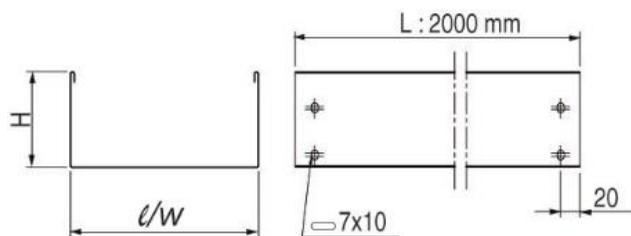
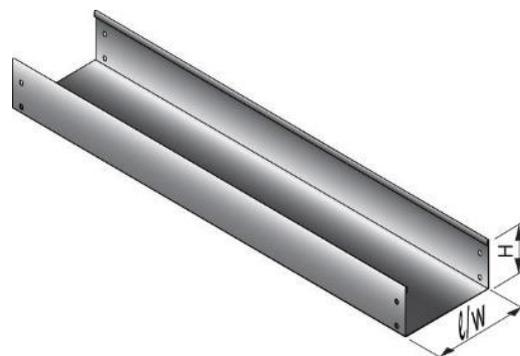
- Système de goulottes en Inox brossé
- Longueur 2 mètres
- Fermetures et jonctions de couvercles encliquetables

**Sur demande :**

- Autres dimensions
- Montage de cornières de séparation LPSNP en usine

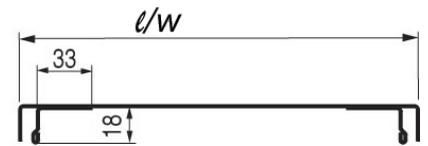
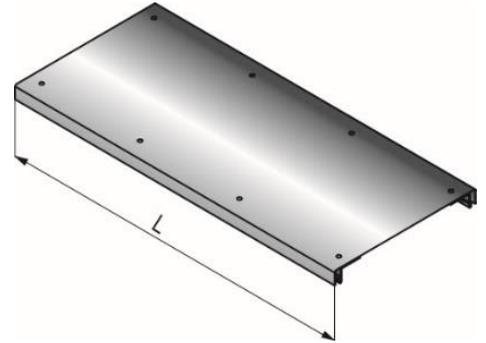
**GOULOTTES GA**

	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
<b>12</b>	2 GA 96x96x0.80 2M I2BF	<b>347042</b>	2.020	0.80	96
	2 GA 96x144x0.80 2M I2BF	<b>347044</b>	2.326	0.80	144
	2 GA 96x192x0.80 2M I2BF	<b>347046</b>	2.630	0.80	192
	2 GA 96x312x0.80 2M I2BF	<b>347049</b>	3.390	0.80	312
	2 GA 96x408x1.00 2M I2BF	<b>347051</b>	4.990	1.00	408



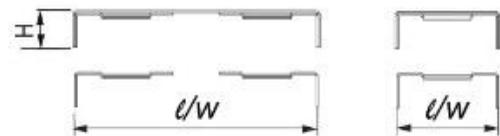
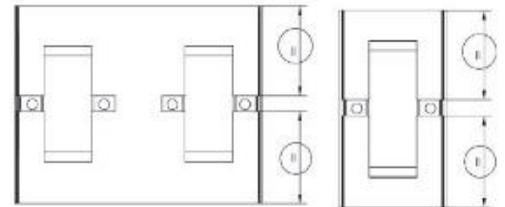
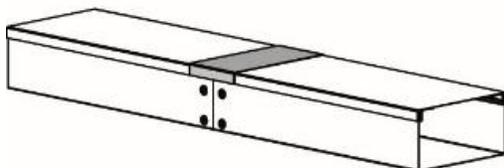
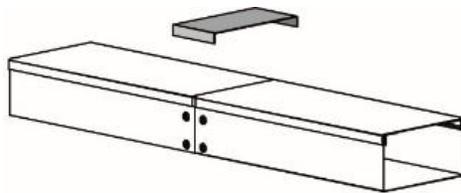
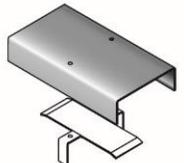
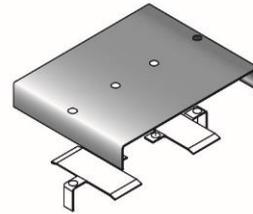
**COUVERCLES GA**

 m	Désignation	Code	Masse kg/ml	Ep. mm
<b>I2</b> 2	CO GA 96x0.80 2M I2B	<b>347962</b>	1.664	0.80
2	CO GA 144x0.80 2M I2B	<b>347964</b>	1.968	0.80
2	CO GA 192x0.80 2M I2B	<b>347966</b>	2.271	0.80
2	CO GA 312x0.80 2M I2B	<b>347969</b>	3.029	0.80
2	CO GA 408x1.00 2M I2B	<b>347971</b>	4.328	1.00



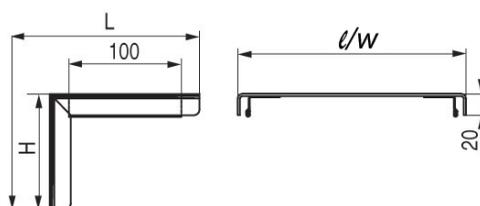
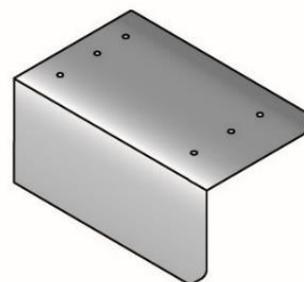
**JONCTIONS DE COUVERCLE GA**

 p	Désignation	Code	Masse kg/p	Ep. mm
<b>I2</b> 1	JCO GA 96 I2B	<b>347802</b>	0.140	1.00
1	JCO GA 144 I2B	<b>347704</b>	0.176	1.00
1	JCO GA 192 I2B	<b>347806</b>	0.214	1.00
1	JCO GA 312 I2B	<b>347809</b>	0.309	1.00
1	JCO GA 408 I2B	<b>347811</b>	0.385	1.00



## FERMETURES GA

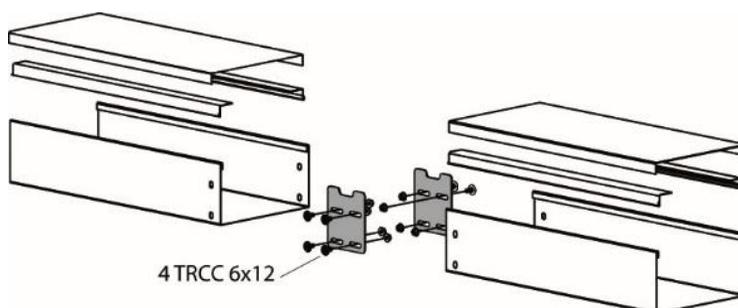
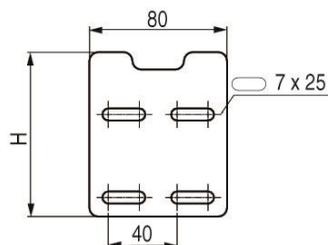
		Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	FGA 96x96 I2B	<b>347982</b>	0.269	1.00	101	100
	1	FGA 96x144 I2B	<b>347764</b>	0.345	1.00	101	148
	1	FGA 96x192 I2B	<b>347986</b>	0.420	1.00	101	196
	1	FGA 96x312 I2B	<b>347989</b>	0.610	1.00	101	316
	1	FGA 96x408 I2B	<b>347990</b>	0.762	1.00	101	412



## ÉCLISSES GA

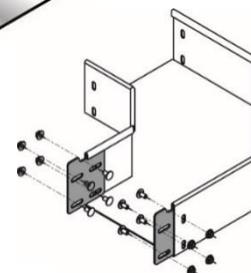
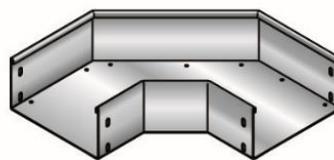
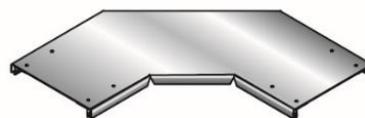
		Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	EGA 96x 80x1.50 I2	<b>347782</b>	0.078	1.50	95	80

- Fixation par 4 BP TRCC M6x12 réf 529001



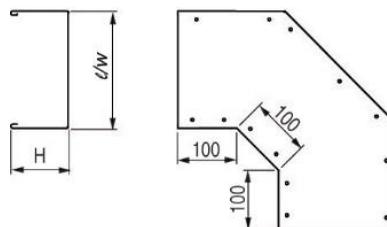
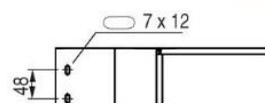
**VIRAGES 90° GA**

	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1 V90 GA 96x96 I2B	<b>347992</b>	1.054	1.00	101	98
	1 V90 GA 96x144 I2B	<b>347124</b>	1.325	1.00	101	146
	1 V90 GA 96x192 I2B	<b>347996</b>	1.626	1.00	101	194
	1 V90 GA 96x312 I2B	<b>347999</b>	2.510	1.00	101	314
	1 V90 GA 96x408 I2B	<b>347131</b>	3.352	1.00	101	410



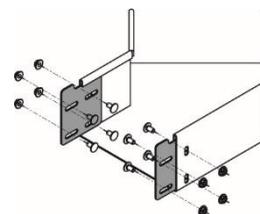
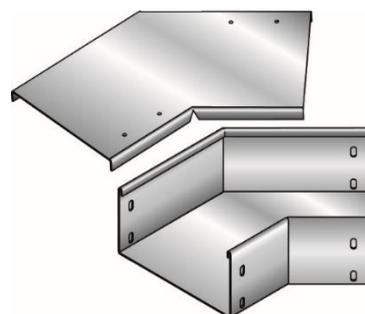
**COUVERCLE VIRAGE 90° GA**

	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
I2	1 CO V90 GA 96 I2B	<b>347842</b>	0.510	1.00	100
	1 CO V90 GA 144 I2B	<b>347144</b>	0.568	1.00	148
	1 CO V90 GA 192 I2B	<b>347846</b>	0.940	1.00	196
	1 CO V90 GA 312 I2B	<b>347849</b>	1.640	1.00	316
	1 CO V90 GA 408 I2B	<b>347151</b>	2.330	1.00	412



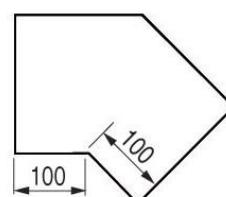
**VIRAGES 135° GA**

	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1 V135 GA 96x96 I2B	<b>347201</b>	0.669	1.00	101	96
	1 V135 GA 96x144 I2B	<b>347204</b>	0.823	1.00	101	144
	1 V135 GA 96x192 I2B	<b>347206</b>	0.993	1.00	101	192
	1 V135 GA 96x312 I2B	<b>347209</b>	1.484	1.00	101	312
	1 V135 GA 96x408 I2B	<b>347211</b>	1.940	1.00	101	408



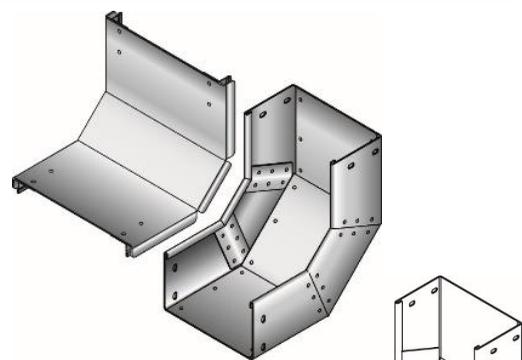
**COUVERCLES VIRAGES 135° GA**

	Désignation	Code	Masse kg/p	Ep. mm	l. mm
I2	1 CO V135 GA 96 I2B	<b>347221</b>	0.371	1.00	100
	1 CO V135 GA 144 I2B	<b>347224</b>	0.489	1.00	148
	1 CO V135 GA 192 I2B	<b>347226</b>	0.621	1.00	196
	1 CO V135 GA 312 I2B	<b>347229</b>	1.019	1.00	316
	1 CO V135 GA 408 I2B	<b>347231</b>	1.405	1.00	412



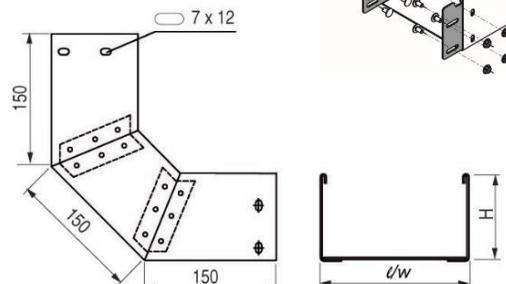
**CONCAVES GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
<b>I2</b> 1	CC GA 96x96 I2B	<b>347882</b>	1.263	1.00	101	98
1	CC GA 96x144 I2B	<b>347284</b>	1.435	1.00	101	146
1	CC GA 96x192 I2B	<b>347286</b>	1.607	1.00	101	194
1	CC GA 96x312 I2B	<b>347289</b>	2.036	1.00	101	314
1	CC GA 96x408 I2B	<b>347891</b>	2.380	1.00	101	410



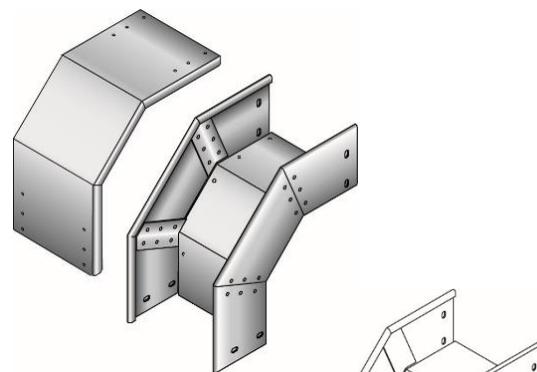
**COUVERCLES CONCAVE GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	l. mm
<b>I2</b> 1	CO CC GA 96x96 I2B	<b>347862</b>	0.416	1.00	100
1	CO CC GA 96x144 I2B	<b>347344</b>	0.387	1.00	148
1	CO CC GA 96x192 I2B	<b>347346</b>	0.629	1.00	196
1	CO CC GA 96x312 I2B	<b>347349</b>	0.895	1.00	316
1	CO CC GA 96x408 I2B	<b>347871</b>	1.108	1.00	412



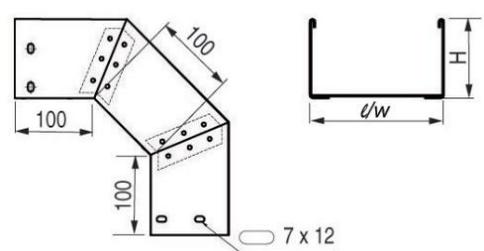
**CONVEXES GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
<b>I2</b> 1	CV GA 96x96 I2B	<b>347872</b>	1.167	1.00	101	98
1	CV GA 96x144 I2B	<b>347404</b>	1.283	1.00	101	146
1	CV GA 96x192 I2B	<b>347406</b>	1.399	1.00	101	192
1	CV GA 96x312 I2B	<b>347409</b>	1.500	1.00	101	314
1	CV GA 96x408 I2B	<b>347411</b>	1.921	1.00	101	410



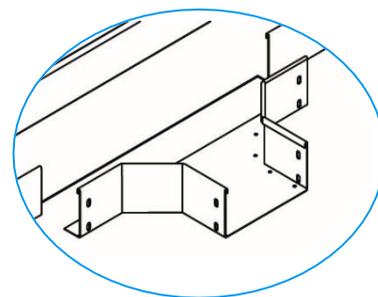
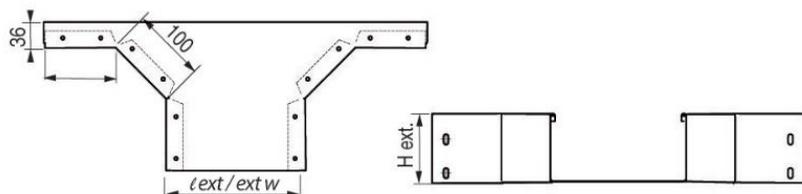
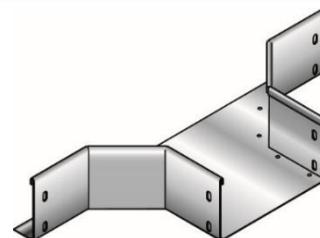
**COUVERCLES CONVEXE GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	l. mm
<b>I2</b> 1	CO CV GA 96x96 I2B	<b>347852</b>	0.603	1.00	100
1	CO CV GA 96x144 I2B	<b>347464</b>	0.781	1.00	148
1	CO CV GA 96x192 I2B	<b>347466</b>	0.959	1.00	196
1	CO CV GA 96x312 I2B	<b>347469</b>	1.403	1.00	316
1	CO CV GA 96x408 I2B	<b>347471</b>	1.759	1.00	412



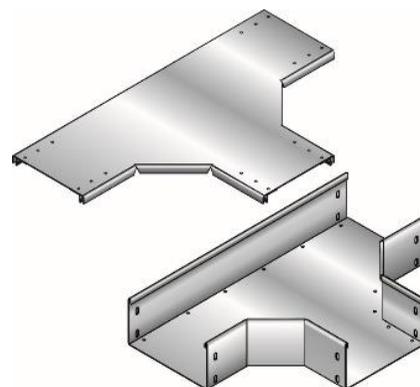
**SORTIES LATÉRALES GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
<b>I2</b> 1						
1	SLT GA 96x144 I2B	<b>347684</b>	0.981	1.00	101	148
1	SLT GA 96x192 I2B	<b>347686</b>	1.059	1.00	101	196
1	SLT GA 96x312 I2B	<b>347689</b>	1.254	1.00	101	314
1	SLT GA 96x408 I2B	<b>347691</b>	1.410	1.00	101	410



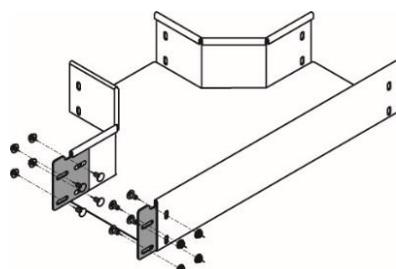
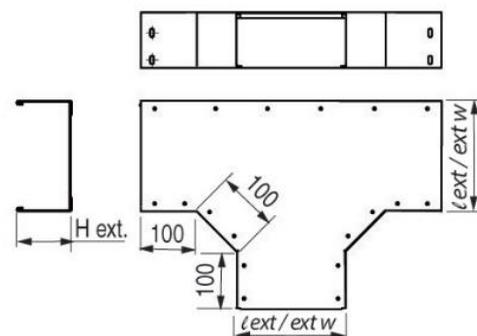
**TES GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
<b>I2</b> 1	TE GA 96x96 I2B	<b>347602</b>	1.557	1.00	101	98
1	TE GA 96x144 I2B	<b>347604</b>	1.891	1.00	101	146
1	TE GA 96x192 I2B	<b>347606</b>	2.264	1.00	101	194
1	TE GA 96x312 I2B	<b>347609</b>	3.350	1.00	101	314
1	TE GA 96x408 I2B	<b>347611</b>	4.377	1.00	101	410



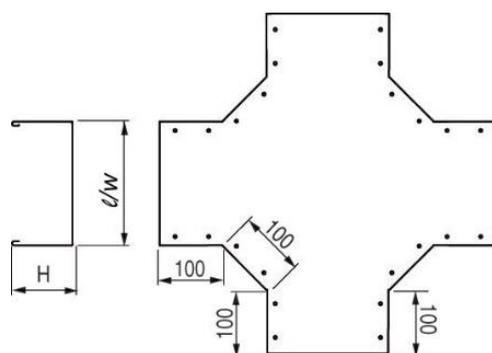
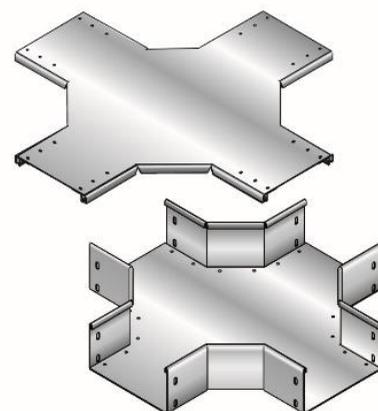
**COUVERCLES TE GA**

 p	Désignation	Code	Masse kg/p	Ep. mm	l. mm
<b>I2</b> 1	CO TE GA 96 I2B	<b>347622</b>	0.813	1.00	100
1	CO TE GA 144 I2B	<b>347624</b>	1.101	1.00	148
1	CO TE GA 192 I2B	<b>347626</b>	1.426	1.00	196
1	CO TE GA 312 I2B	<b>347629</b>	2.397	1.00	316
1	CO TE GA 408 I2B	<b>347631</b>	3.337	1.00	412



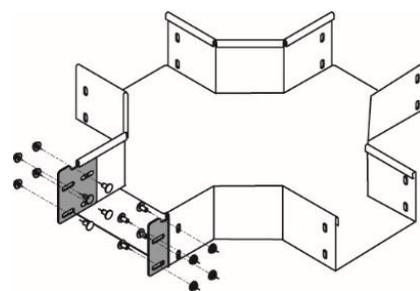
**CROIX GA**

		Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
<b>I2</b>	1	CX GA 96x96 I2B	<b>347522</b>	1.888	1.00	101	98
	1	CX GA 96x144 I2B	<b>347524</b>	2.237	1.00	101	146
	1	CX GA 96x192 I2B	<b>347526</b>	2.622	1.00	101	194
	1	CX GA 96x312 I2B	<b>347529</b>	2.515	1.00	101	314
	1	CX GA 96x408 I2B	<b>347531</b>	4.806	1.00	101	410



**COUVERCLE CROIX GA**

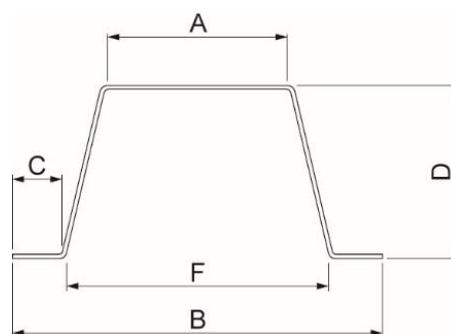
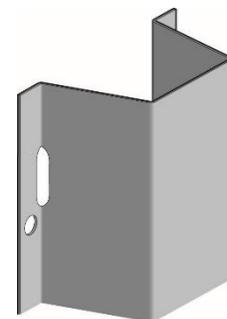
		Désignation	Code	Masse kg/p	Ep. mm	l. mm
<b>I2</b>	1	CO CX GA 96 I2B	<b>347542</b>	1.059	1.00	100
	1	CO CX GA 144 I2B	<b>347544</b>	1.406	1.00	148
	1	CO CX GA 192 I2B	<b>347546</b>	1.789	1.00	196
	1	CO CX GA 312 I2B	<b>347549</b>	2.905	1.00	316
	1	CO CX GA 408 I2B	<b>347551</b>	3.962	1.00	412



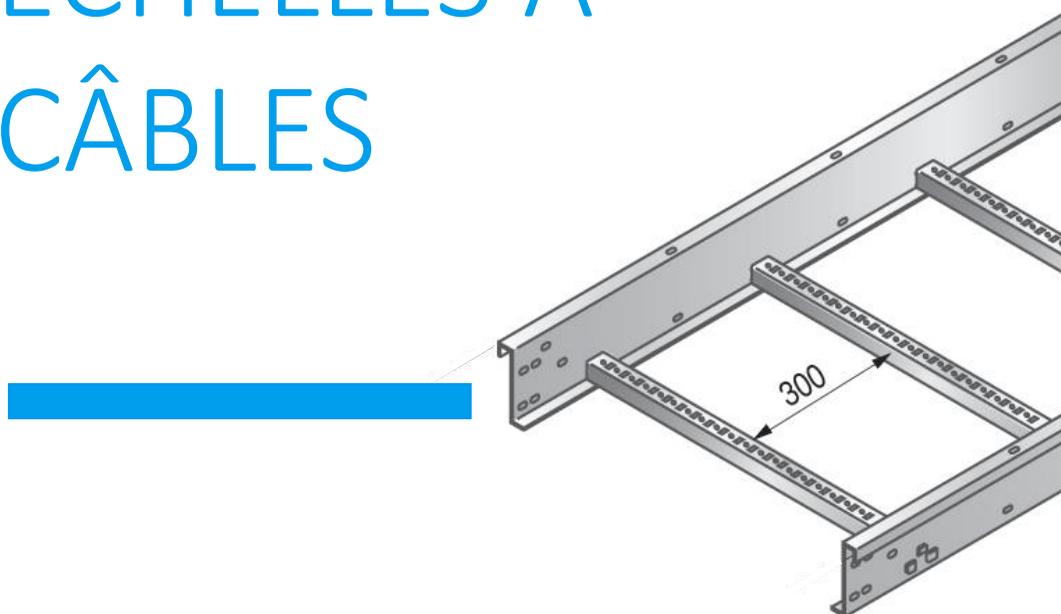
**Goulotte de protection des câbles en colonne montante**

**PRC**

	 m	Désignation	Code	Masse kg/ml	Ep. mm	A mm	B mm	C mm	D mm	F mm
<b>12</b>	3	PRC 30 I2	<b>319410</b>	1.130	1.00	44	89	12	40	65
	3	PRC 60 I2	<b>319411</b>	1.710	1.00	50	112	12	72	88
	3	PRC 90 I2	<b>319412</b>	2.470	1.00	78	158	12	104	134



# ECHELLES À CÂBLES



- HERCULE..... p.88
- ATLAS..... p.97

## ECHELLES HERCULE

Pour toutes applications de charges moyennes à très lourdes

- **Facilité de transport et de pose** : construction sertie ou en kit à assembler sur site
- **Grande capacité** : compatible avec les câbles de puissance en aluminium
- **Totalement adaptable** : montage horizontal ou en colonne montante, colliers mécaniques type Colson
- Une gamme complète d'**accessoires** et d'**éléments de raccordement** (rayon standard 600mm)
- **Sécurité** : couvercle à visser, formes des longerons et échelons non agressives
- Continuité électrique selon CEI 61537
- Repérage facile et ventilation des câbles de puissance

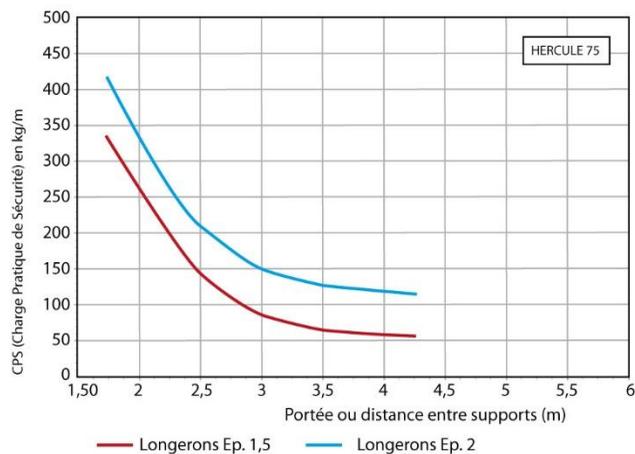
### SUR DEMANDE

- Longueurs de 6 m
- Éléments de raccordement avec rayon différent de 600 mm
- Tés inégal ou croix inégale
- Espacement standard des échelons 300 mm, selon nature des câbles et /ou charges : autres espacements sur demande

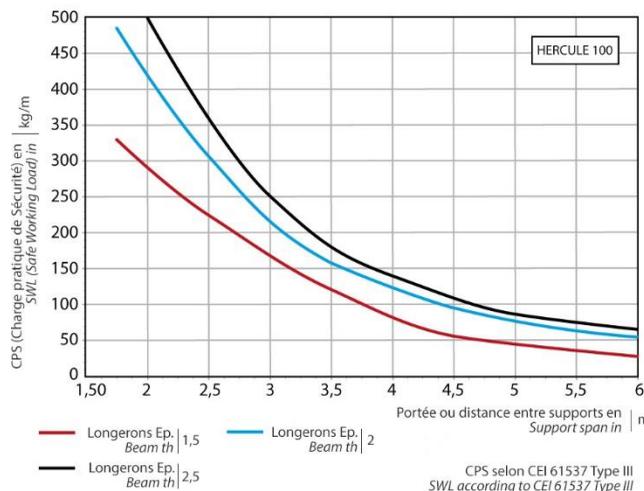
HERCULE	Capacité maximale (kg/ml) pour une densité de		
	Câbles de puissance 0,25 kg/cm <sup>2</sup> /ml		
Largeur (mm)	Hauteur (mm)		
	HERCULE 75	HERCULE 100	HERCULE 150
200	24,0	41,3	61,5
300	36,0	62,0	92,2
400	48,0	82,5	123,0
500	60,0	103,2	153,8
600	72,0	123,8	184,5
700	84,0	144,5	215,3
800	96,0	165,0	246,0
900	108,0	185,7	276,8
1000	120,0	206,3	307,5

### Classement NEMA VE1 2009

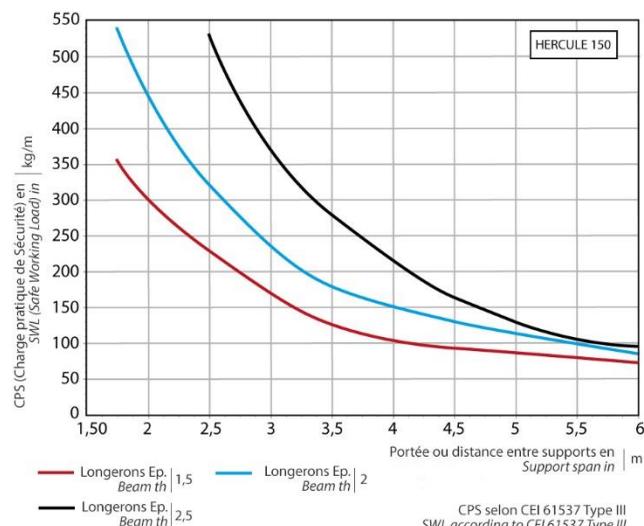
	Type	Hauteur	Largeur	Épaisseur Longerons	Espacement entre supports : 3 m		
					Charge adm. en (kg/m)	USA	CANADA
Inox	HERCULE 150	150	600	1,5	245	10C	D



CPS selon CEI 61537 Type III



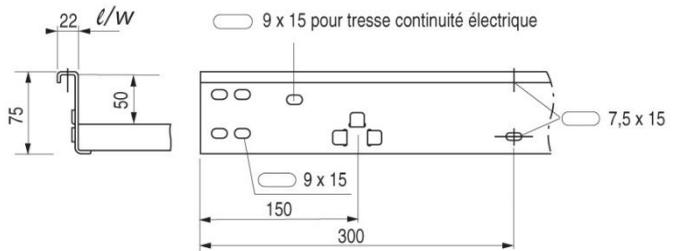
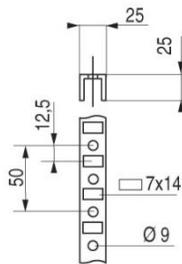
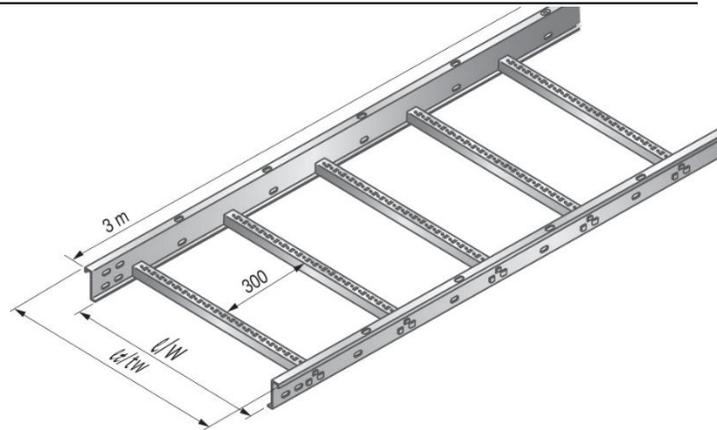
CPS selon CEI 61537 Type III SWL according to CEI 61537 Type III



CPS selon CEI 61537 Type III SWL according to CEI 61537 Type III

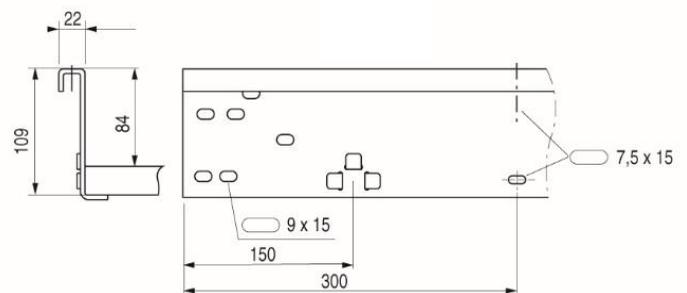
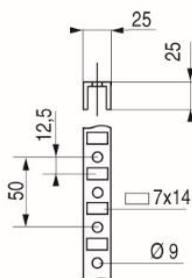
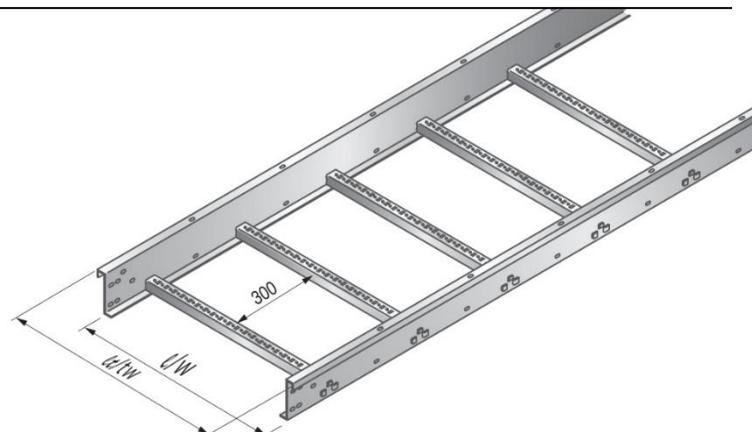
**HERCULE H75**

 m	Désignation	Code	Masse kg/ml
<b>I3</b> 3	HERC 75x200 3M I3	<b>575106</b>	3.541
3	HERC 75x300 3M I3	<b>575073</b>	3.801
3	HERC 75x400 3M I3	<b>575074</b>	4.061
3	HERC 75x500 3M I3	<b>575075</b>	4.321
3	HERC 75x600 3M I3	<b>575076</b>	4.580
3	HERC 75x700 3M I3	<b>575077</b>	4.840
3	HERC 75x800 3M I3	<b>575078</b>	5.100
3	HERC 75x900 3M I3	<b>575079</b>	5.360
3	HERC 75x1000 3M I3	<b>575080</b>	5.620



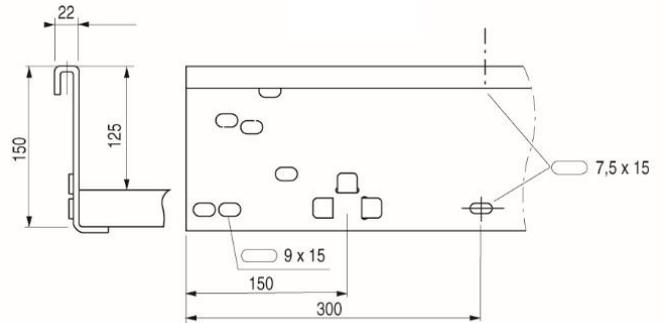
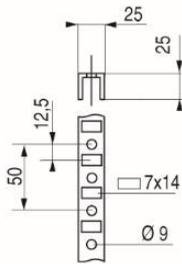
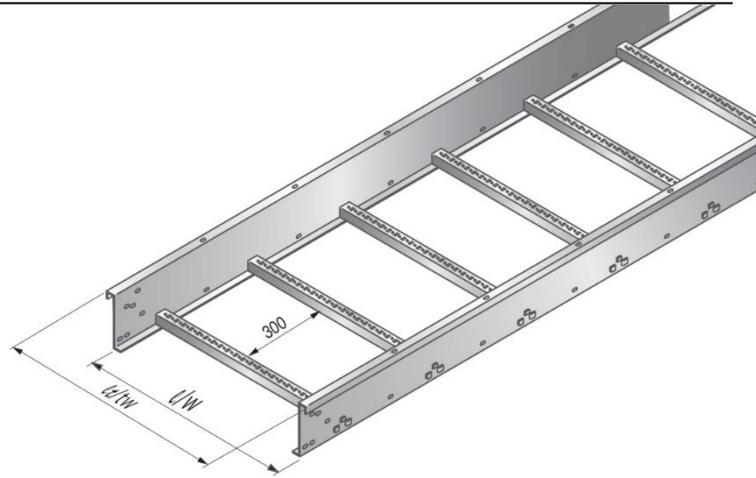
**HERCULE H100**

 m	Désignation	Code	Masse kg/ml
<b>I3</b> 3	HERC 100x200 3M I3	<b>575102</b>	4.379
3	HERC 100x300 3M I3	<b>575041</b>	4.639
3	HERC 100x400 3M I3	<b>575042</b>	4.899
3	HERC 100x500 3M I3	<b>575043</b>	5.159
3	HERC 100x600 3M I3	<b>575044</b>	5.419
3	HERC 100x700 3M I3	<b>575045</b>	5.678
3	HERC 100x800 3M I3	<b>575046</b>	5.938
3	HERC 100x900 3M I3	<b>575047</b>	6.198
3	HERC 100x1000 3M I3	<b>575048</b>	6.458



**HERCULE H150**

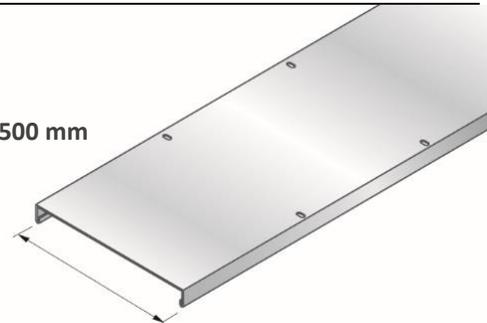
	 m	Désignation	Code	Masse kg/ml
<b>I3</b>	3	HERC 150x200 3M I3	<b>575098</b>	5.219
	3	HERC 150x300 3M I3	<b>575009</b>	5.479
	3	HERC 150x400 3M I3	<b>575010</b>	5.739
	3	HERC 150x500 3M I3	<b>575011</b>	5.999
	3	HERC 150x600 3M I3	<b>575012</b>	6.259
	3	HERC 150x700 3M I3	<b>575013</b>	6.518
	3	HERC 150x800 3M I3	<b>575014</b>	6.778
	3	HERC 150x900 3M I3	<b>575015</b>	7.038
	3	HERC 150x1000 3M I3	<b>575016</b>	7.298



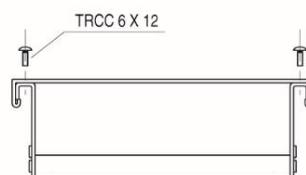
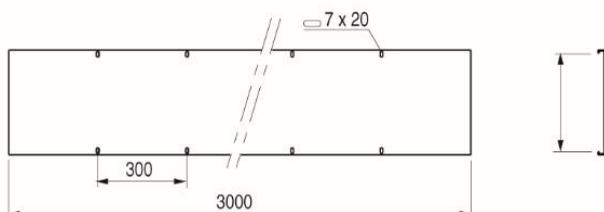
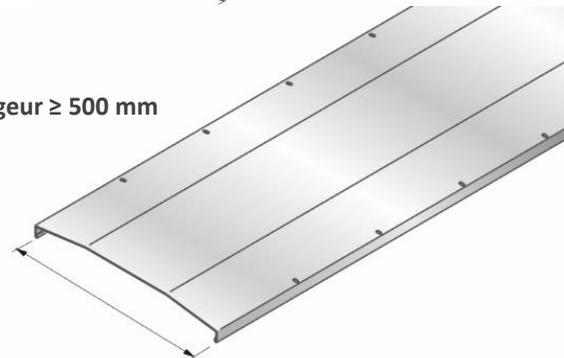
**COUVERCLES**

	 m	Désignation	Code	Masse kg/ml
<b>I3</b>	3	CO HERC 200 I3	<b>541001</b>	2.393
	3	CO HERC 300 I3	<b>541002</b>	3.200
	3	CO HERC 400 I3	<b>541003</b>	3.990
	3	CO HERC 500 I3	<b>541004</b>	4.793
	3	CO HERC 600 I3	<b>541005</b>	5.593
	3	CO HERC 700 I3	<b>541006</b>	6.400
	3	CO HERC 800 I3		
	3	CO HERC 900 I3	<b>541008</b>	7.892
	3	CO HERC 1000 I3		

Largeur < 500 mm



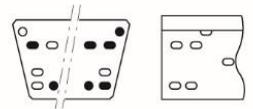
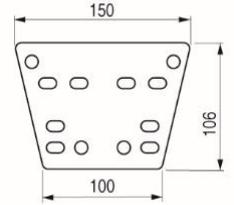
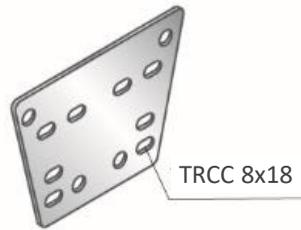
Largeur ≥ 500 mm



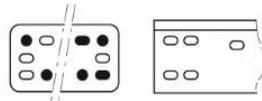
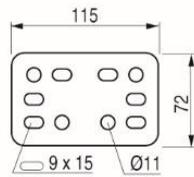
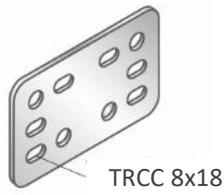
**ECLISSE DEFORMABLE ED**

 p	Désignation	Code	Masse kg/p
<b>I3</b> 1	EP HERC 75 I3	<b>582598</b>	0.113
1	EP HERC 100 I3	<b>582711</b>	0.189
1	EP HERC 150 I3	<b>582062</b>	0.313

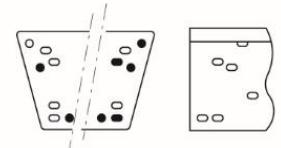
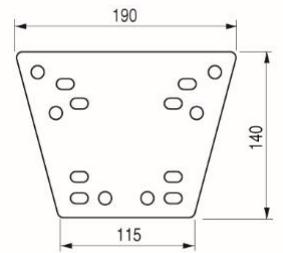
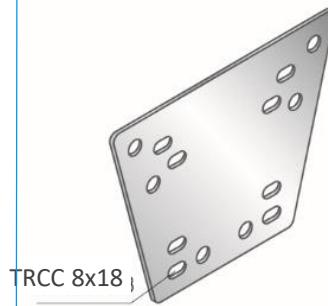
**Hauteur 100**



**Hauteur 75**



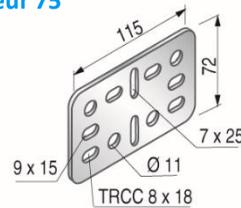
**Hauteur 150**



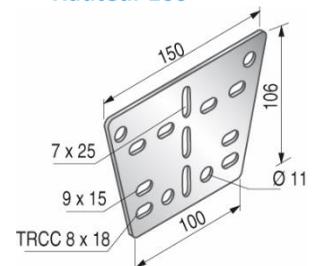
**ECLISSE DEFORMABLE ED**

 p	Désignation	Code	Masse kg/p
<b>I3</b> 1	ED HERC 75 I3	<b>582991</b>	0.113
1	ED HERC 100 I3	<b>582992</b>	0.189
1	ED HERC 150 I3	<b>582993</b>	0.313

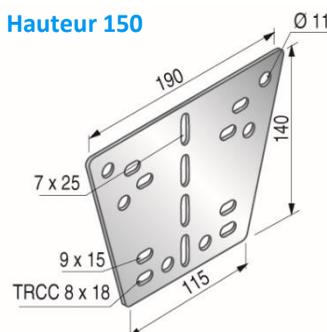
**Hauteur 75**



**Hauteur 100**



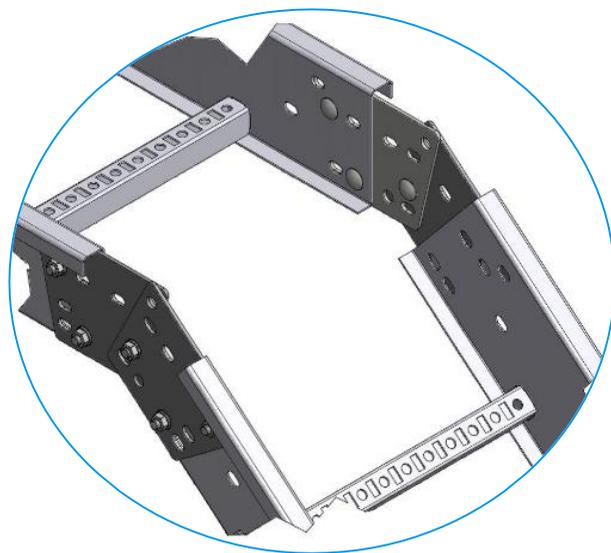
**Hauteur 150**



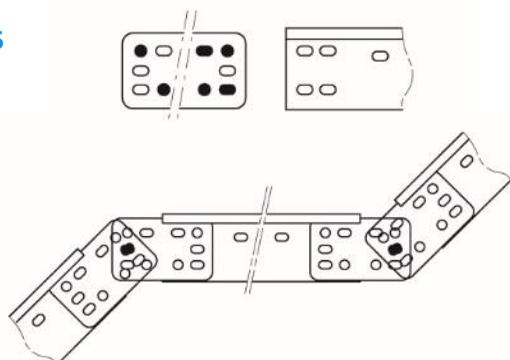
**ECLISSE ARTICULEE EA**

 p	Désignation	Code	Masse kg/p
<b>I3</b>	EA HERC 75 I3	<b>582904</b>	0.240
1	EA HERC 100 I3	<b>582905</b>	0.392
1	EA HERC 150 I3	<b>582994</b>	0.640

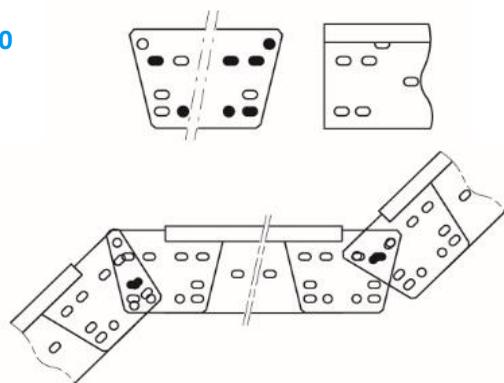
Fixation par BP TRCC M8x18



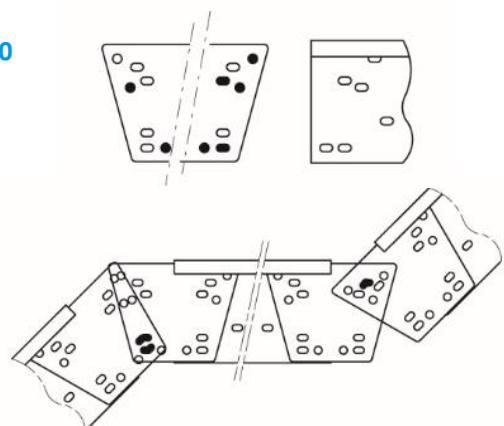
**Hauteur 75**



**Hauteur 100**

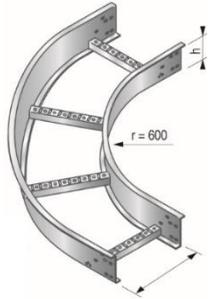


**Hauteur 150**

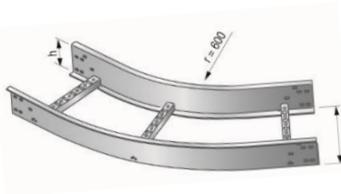


**ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE**

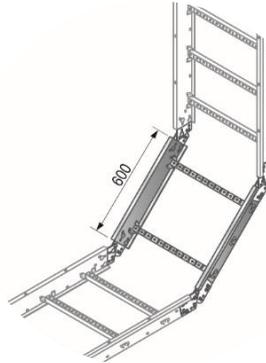
**VIRAGES 90°**



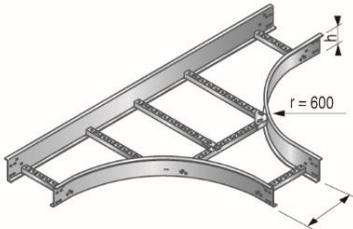
**VIRAGES 135°**



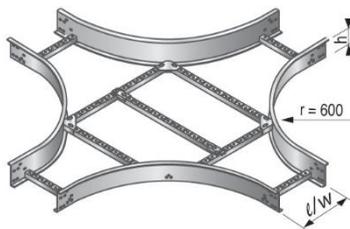
**CONCAVES**



**CONVEXES**



**TES**



**SORTIES LATÉRALES**



**CHENILLETTE**

**COUVERCLES ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE**

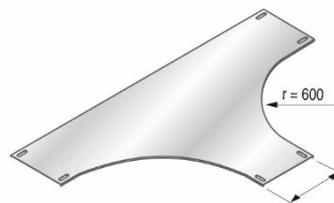
**COUVERCLE  
VIRAGES 90°**



**COUVERCLE  
VIRAGES 135°**



**COUVERCLE  
TE**

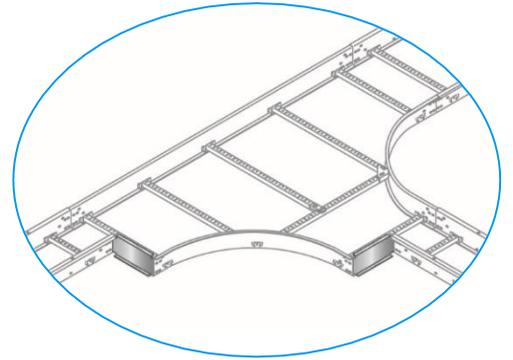
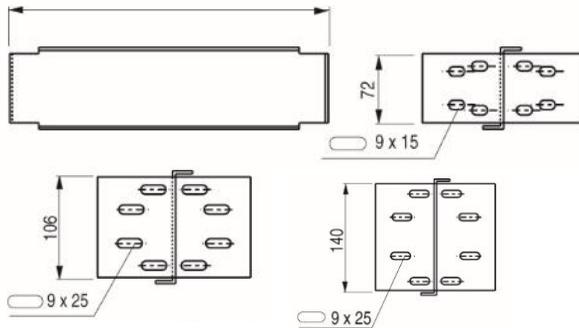
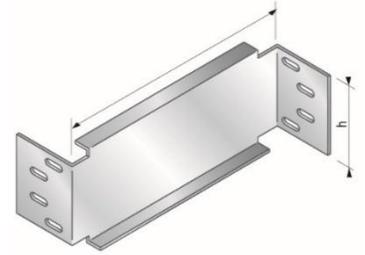


**COUVERCLE  
CROIX**

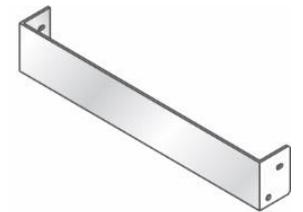
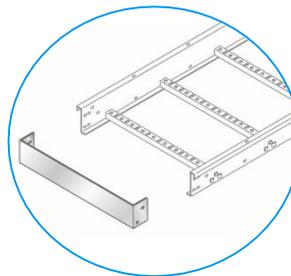


**ÉCLISES DE RÉDUCTION**

Largeur	Hauteur 75		Hauteur 100		Hauteur 150	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
100	<b>582593</b>	0.310	<b>582303</b>	0.324	<b>582020</b>	0.519
200	<b>582595</b>	0.440			<b>582059</b>	0.740
300	<b>582597</b>	0.459	<b>582307</b>	0.830	<b>582061</b>	0.950
400	<b>582599</b>	0.690	<b>582902</b>	1.060		
500			<b>582903</b>	1.280		

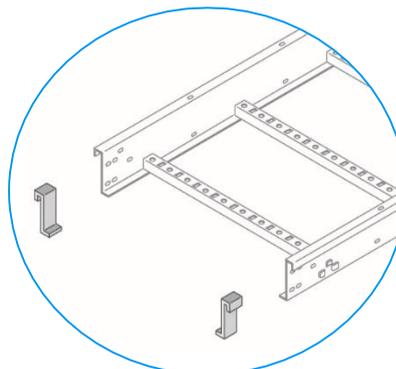
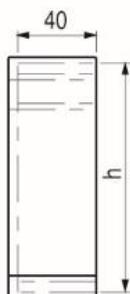


**EMBOUS D'EXTREMITES EE – SUR DEMANDE**



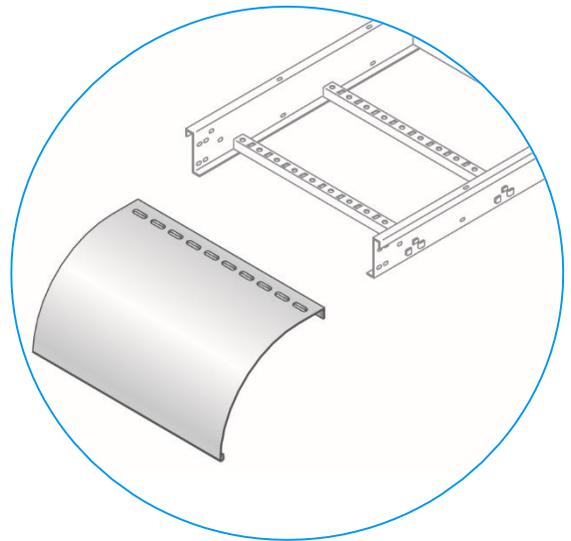
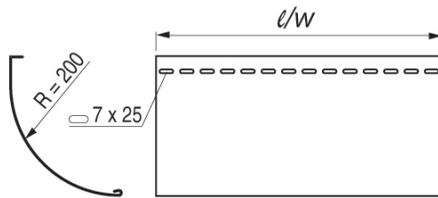
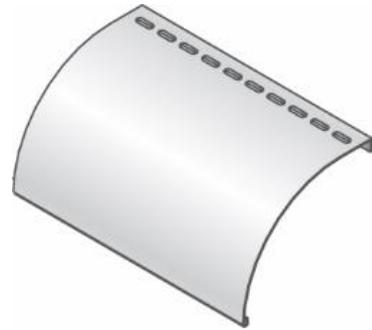
**EMBOUT PROTECTION EMB**

	 p	Désignation	Code	Masse kg/p
<b>PVC</b>	1	EMB HERC 75 D+G PVC	<b>584934</b>	0.080
	1	EMB HERC 100 D+G PVC	<b>584935</b>	0.120
	1	EMB HERC 150 D+G PVC	<b>584936</b>	0.160



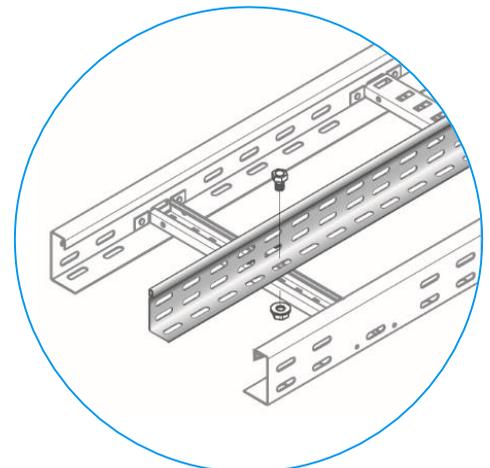
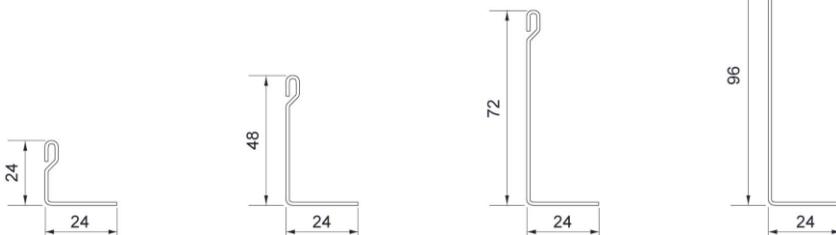
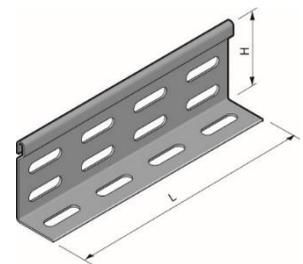
**SORTIE DE CÂBLES SC**

	p	Désignation	Code	Masse kg/p
<b>I3</b>	1	SC HERCULE 300 I3	<b>682938</b>	1.102
	1	SC HERCULE 600 I3	<b>682941</b>	2.434
	1	SC HERCULE 800 I3	<b>582943</b>	3.322



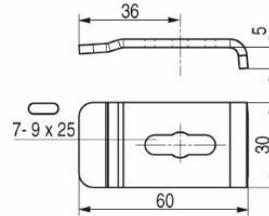
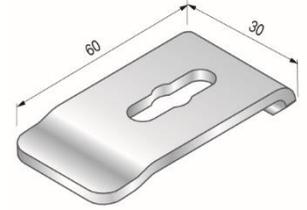
**CORNIÈRES DE SÉPARATION LPS**

	m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I3</b>	3	LPS H24/27x0.80 I3	<b>214630</b>	0.80	24	0.280
	3	LPS H48/51x0.80 I3	<b>214631</b>	0.80	48	0.402
	3	LPS H72/75x0.80 I3	<b>214632</b>	0.80	72	0.525
	3	LPS H96/99x0.80 I3	<b>214633</b>	0.80	96	0.640



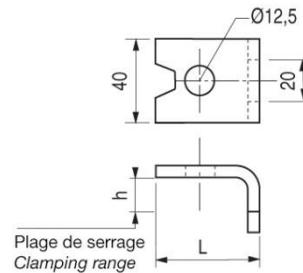
**CLAME SL**

		Désignation	Code	Masse kg/p
<b>I3</b>	p	CLAME SL I3	<b>582995</b>	0.042



**CRAPAUD STRUT 41**

		Désignation	Code	Ep. mm	H. mm	L. mm	Masse kg/p
<b>I3</b>	25	CRAPAUD STRUT 41 H5-15 I3	<b>685082</b>	6.00	10	60	0.121
	25	CRAPAUD STRUT 41 H15-25 I3	<b>685378</b>	6.00	20	60	0.141
	1	CRAPAUD STRUT 41 H25-35 I3	<b>685238</b>	6.00	40	70	0.189



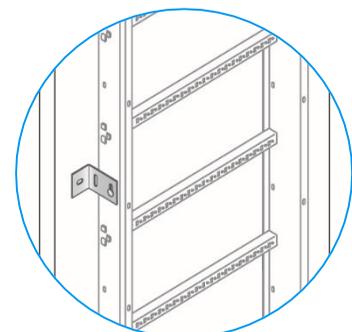
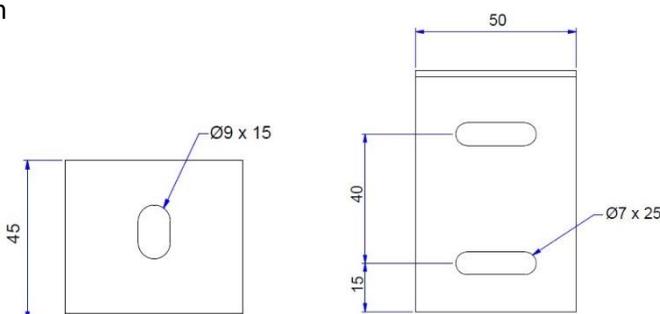
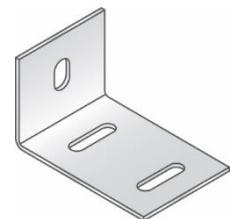
**ÉQUERRES 75x45**

		Désignation	Code	Ep. mm	 daN	Masse kg/p
<b>I3</b>	25	EQU 75x45 I3	<b>617001</b>	3.00	25	0.132

**Plage de serrage h = +/- 5 mm**

Prévoir : écrou losange à ressort M12 + vis H12x50

Épaisseur 6 mm

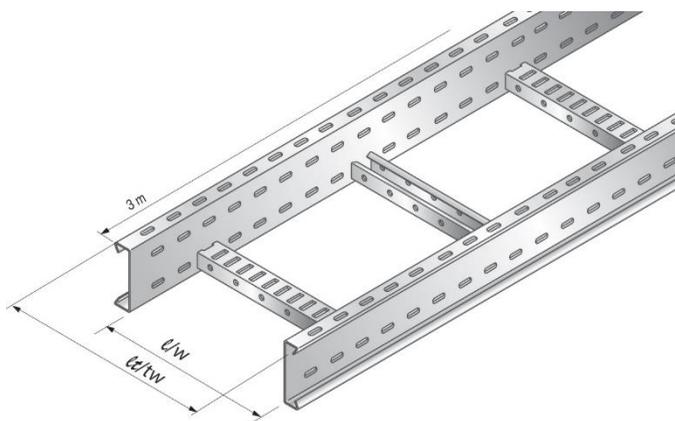


**ECHELLES ATLAS**

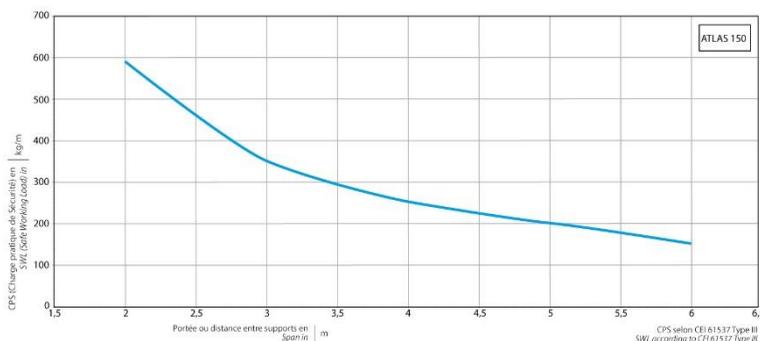
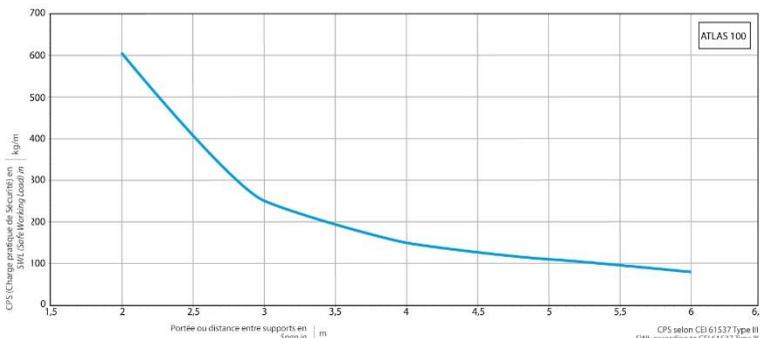
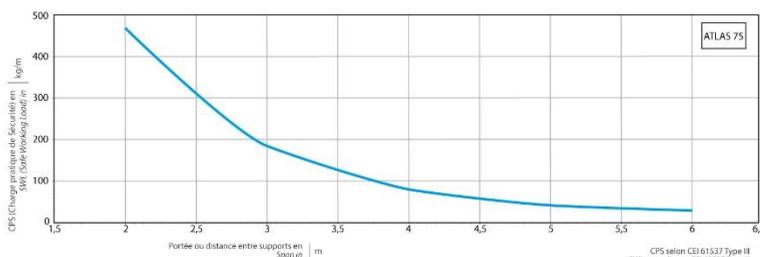
Pour toute application de charges très lourdes en conditions d'utilisation sévères (mécanique, corrosion)

- Echelles à échelons soudés
- **Haute résistance** : construction soudée extrêmement rigide, compatible avec de fortes contraintes mécaniques (vibrations, surcharges) et atmosphériques (acier inoxydable)
- **Universelles** : montage simple ou double nappe grâce aux échelons non agressifs alternés, montage direct sur les supports grâce aux longerons perforés, montage direct d'appareillage ou de couvercles, accepte les colliers à serrage mécanique et les câbles de puissance à faible rayon de courbure

- **Système complet** : accessoires et éléments de raccordement
- **Continuité électrique** selon CEI 61537
- Repérage facile et excellente ventilation des câbles de puissance
- Longueur standard 3 m, 6 m sur demande
- Espacement des échelons : 300 mm
- Sur demande : Tés et Croix inégaux
- Rayon pour éléments de raccordement : 500 mm, autres rayons sur demande



ATLAS	Capacité maximale (kg/ml) pour une densité de		
	Câbles de puissance 0,25 kg/cm <sup>2</sup> /ml		
Largeur (mm)	Hauteur (mm)		
	ATLAS 75	ATLAS 100	ATLAS 150
150	14,7	24,0	42,8
300	29,3	48,0	85,5
450	44,0	72,0	128,2
600	58,5	96,0	171,0
750	73,2	120,0	213,8
900	87,8	144,0	256,5

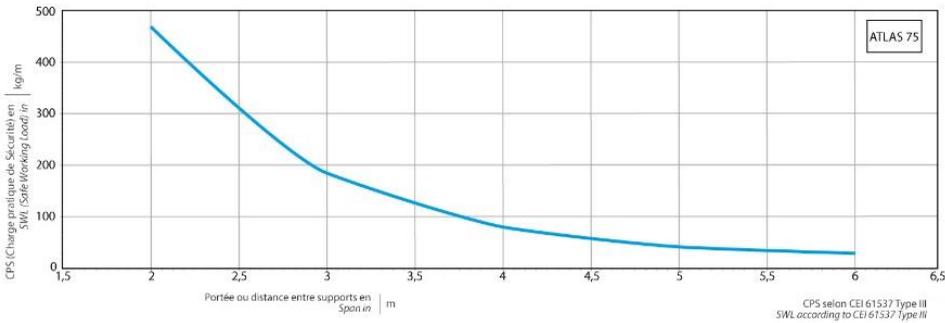
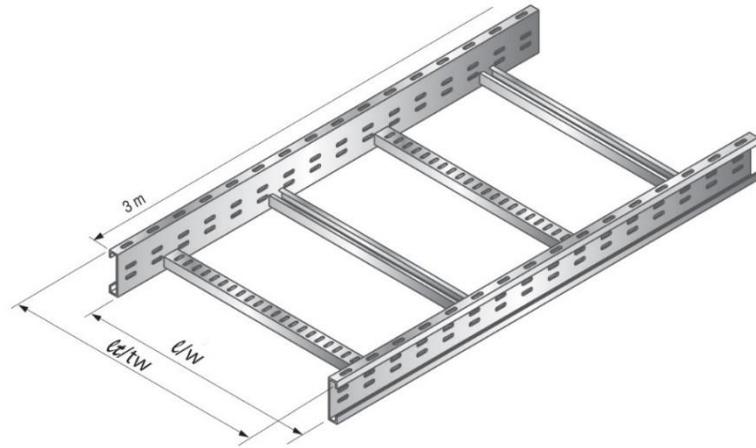
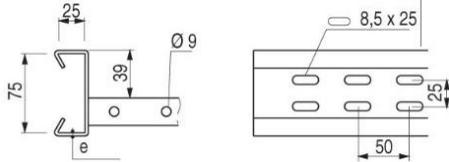


**Classement NEMA VE1 2009**

	Type	Hauteur	Largeur	Epaisseur Longeron	Espacement entre supports : 3 m			Espacement entre supports : 6 m		
					Charge adm. en (kg/m)	USA	CANADA	Charge adm. en (kg/m)	USA	CANADA
<b>Inox</b>	ATLAS 150	150	600	1,5				77	20A	D

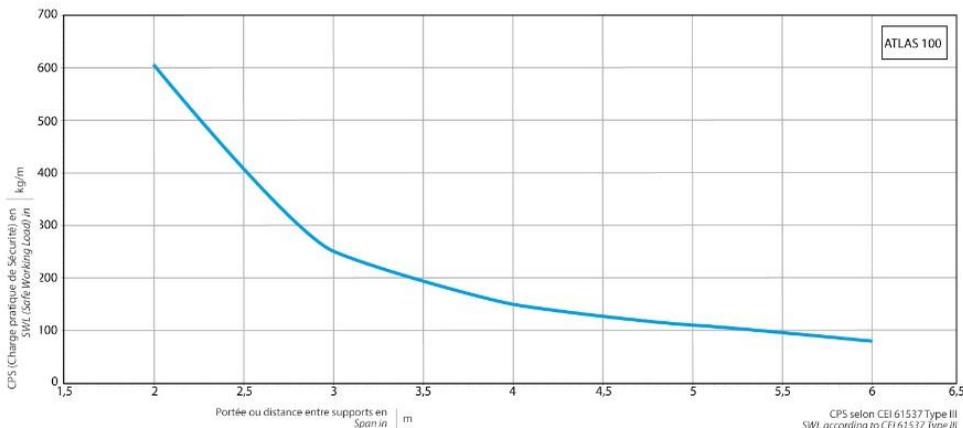
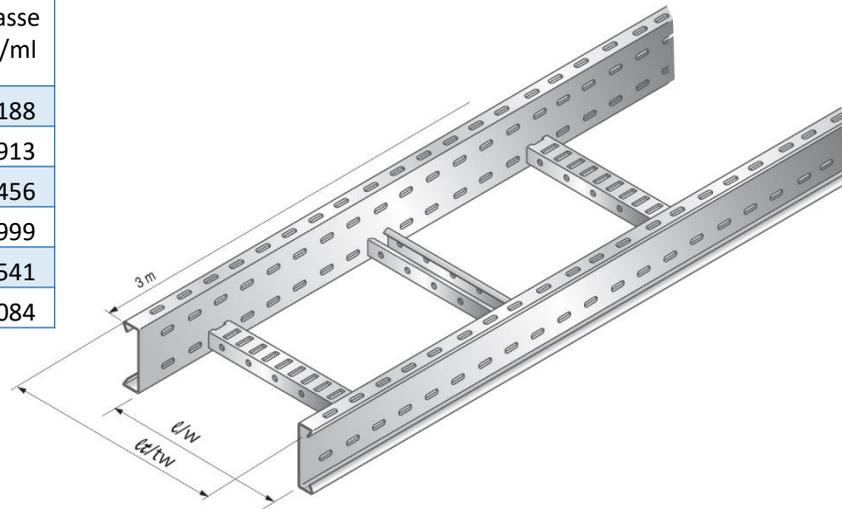
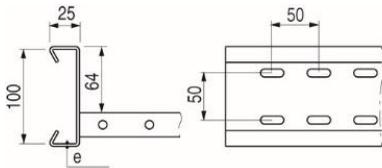
**ATLAS H75**

		Désignation	Code	Masse kg/ml
<b>I3</b>	3	ATL 75x150 3M I3 DKP	<b>589057</b>	3.770
	3	ATL 75x300 3M I3 DKP	<b>304578</b>	4.313
	3	ATL 75x450 3M I3 DKP	<b>589059</b>	4.856



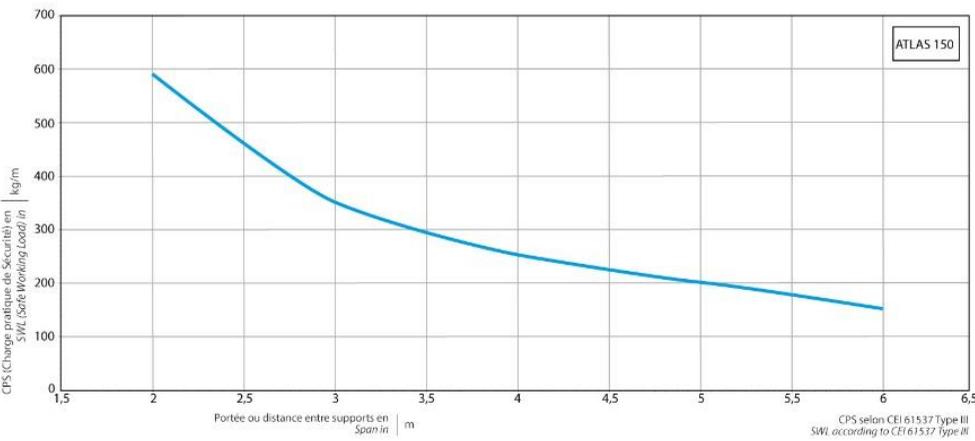
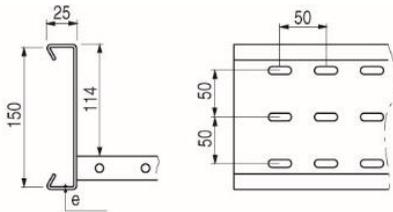
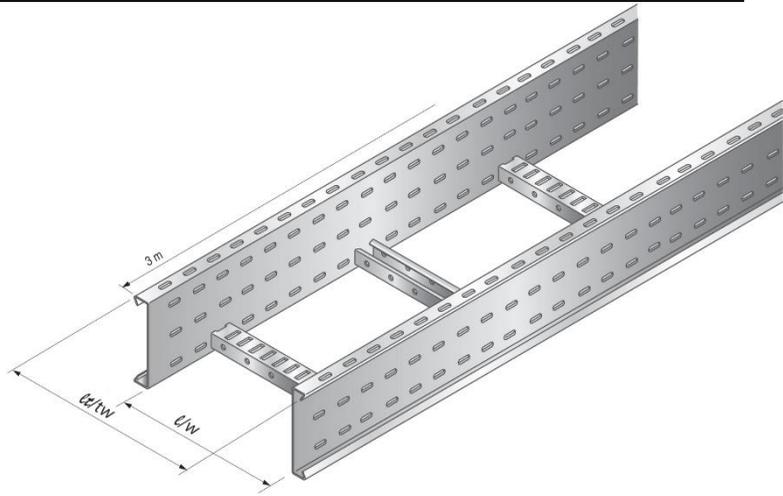
**ATLAS H100**

		Désignation	Code	Masse kg/ml
<b>I3</b>	3	ATL 100x150 3M I3 DKP	<b>589009</b>	4.188
	3	ATL 100x300 3M I3 DKP	<b>589010</b>	4.913
	3	ATL 100x450 3M I3 DKP	<b>589059</b>	5.456
	3	ATL 100x600 3M I3 DKP	<b>589012</b>	5.999
	3	ATL 100x750 3M I3 DKP	<b>304579</b>	6.541
	3	ATL 100x900 3M I3 DKP	<b>589014</b>	7.084



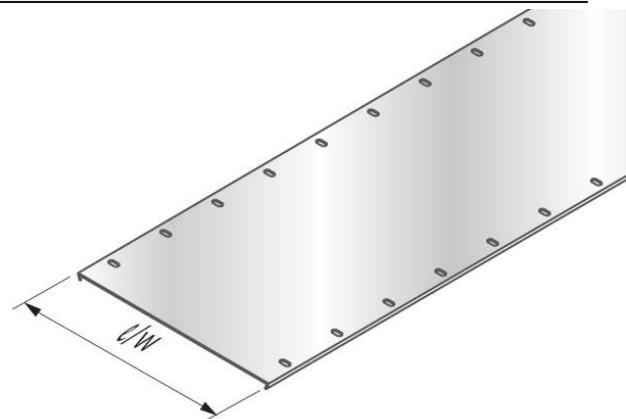
**ATLAS H150**

		Désignation	Code	Masse kg/ml
<b>I3</b>	3	ATL 150x150 3M I3 DKP	<b>589046</b>	5.477
	3	ATL 150x300 3M I3 DKP	<b>589047</b>	6.020
	3	ATL 150x450 3M I3 DKP	<b>589048</b>	6.563
	3	ATL 150x600 3M I3 DKP	<b>589049</b>	7.106
	3	ATL 150x900 3M I3 DKP	<b>304580</b>	8.191



**COUVERCLES**

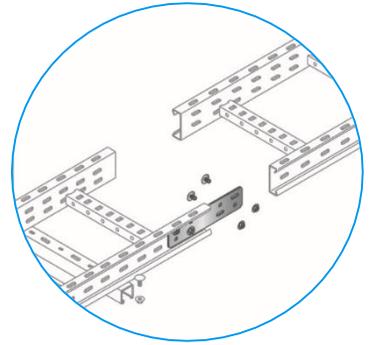
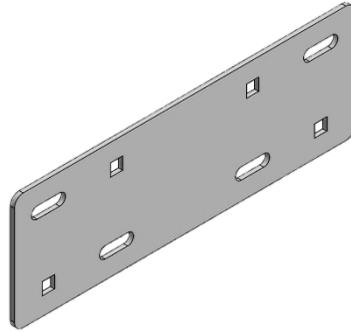
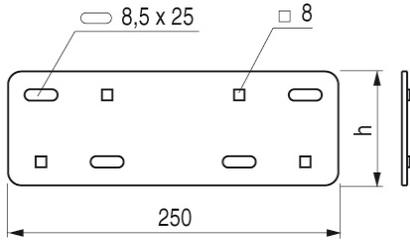
		Désignation	Code	Masse kg/ml	l. mm
<b>I3</b>	3	CO ATLAS 150 I3	<b>589024</b>	1.770	150
	3	CO ATLAS 300 I3	<b>589030</b>	3.003	300
	3	CO ATLAS 450 I3	<b>589040</b>	4.203	450
	3	CO ATLAS 600 I3	<b>589041</b>	5.403	600



Prévoir TRCC M8x18 pour fixation

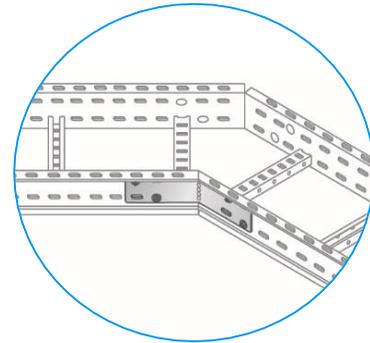
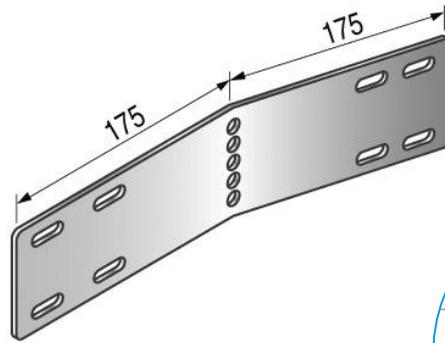
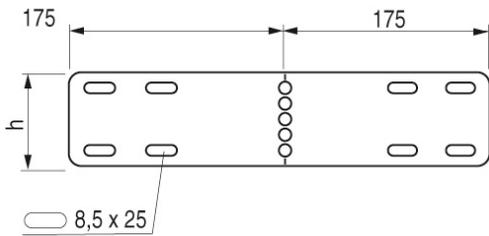
**ÉCLISSES PLATES EP**

	 P	Désignation	Code	Masse kg/p
<b>I3</b>	25	EP ATL 75 I3	<b>596008</b>	0.330
	1	EP ATL 100 I3	<b>596005</b>	0.470
	1	EP ATL 150 I3	<b>596002</b>	0.770



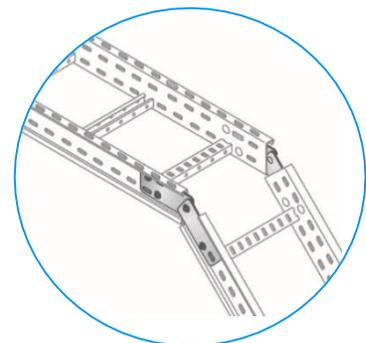
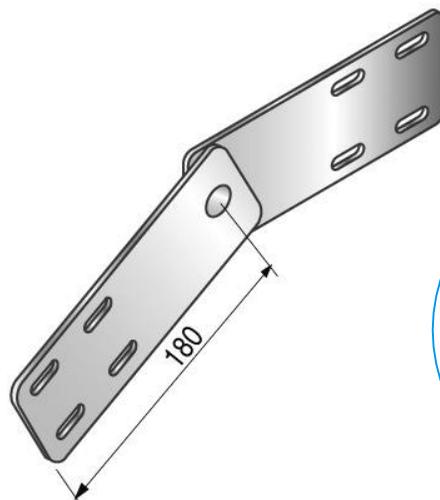
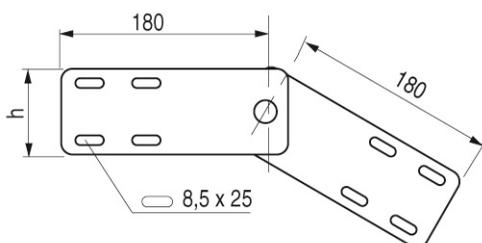
**ÉCLISSES PLIABLES ED**

	 P	Désignation	Code	Masse kg/p
<b>I3</b>	1	ED ATL 75 I3	<b>596010</b>	0.550
	1	ED ATL 100 I3	<b>596007</b>	0.610
	1	ED ATL 150 I3	<b>596004</b>	0.950



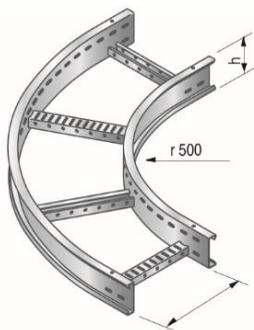
**ÉCLISSES ARTICULEE EA**

	 P	Désignation	Code	Masse kg/p
<b>I3</b>	1	EA ATL 75 I3	<b>596009</b>	0.500
	1	EA ATL 100 I3	<b>596006</b>	0.700
	1	EA ATL 150 I3	<b>596003</b>	1.010

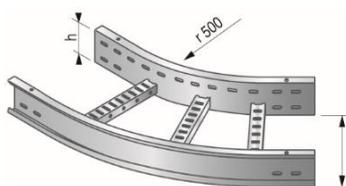


**ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE**

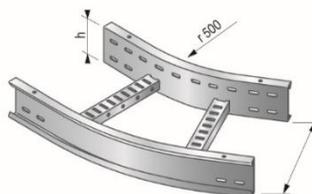
**VIRAGES 90°**



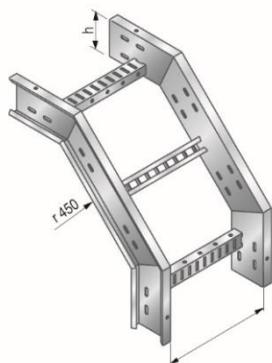
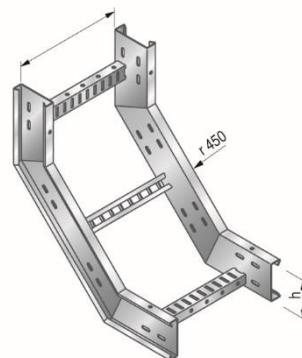
**VIRAGES 135°**



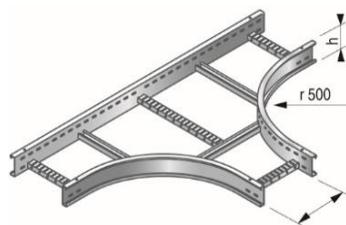
**VIRAGES 150°**



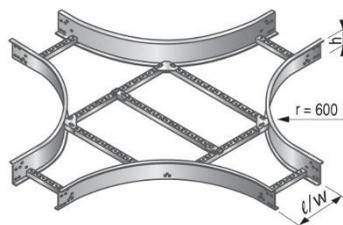
**CONCAVES**



**CONVEXES**



**TES**

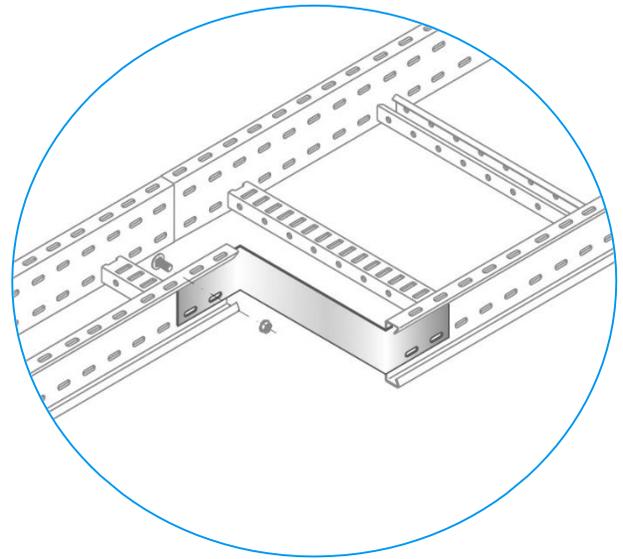
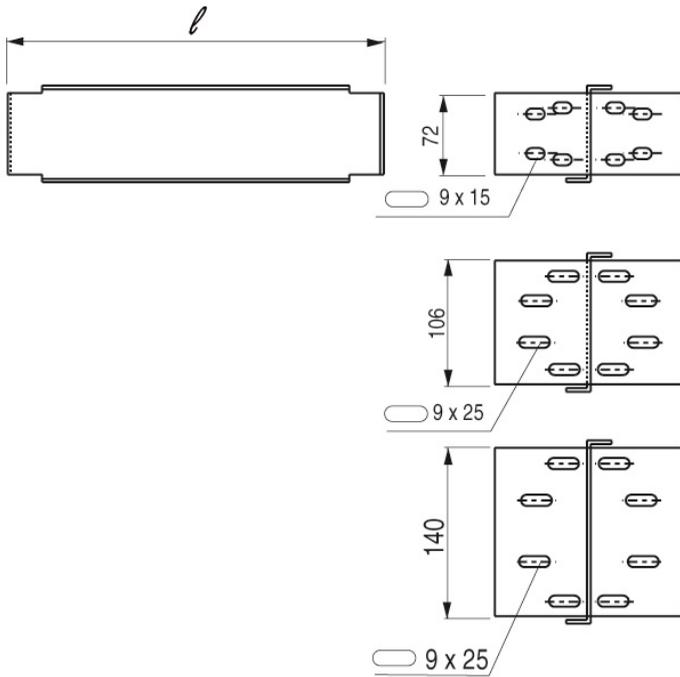
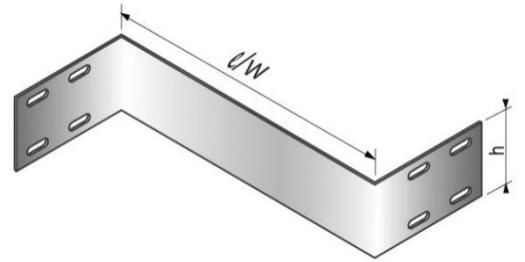


**CROIX**

**COUVERCLES ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE**

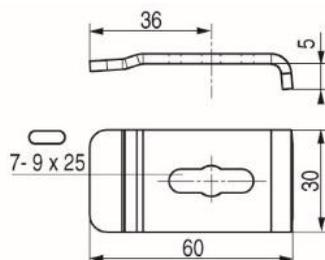
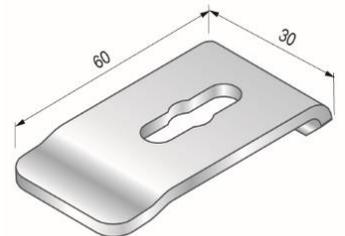
**ÉCLISSE DE REDUCTION**

Largeur	Hauteur H75		Hauteur H100		Hauteur H150	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
150	<b>304581</b>	0.470	<b>596015</b>	0.700	<b>304584</b>	1.170
300	<b>304582</b>	0.640	<b>596016</b>	1.020	<b>596012</b>	1.900
450	<b>304583</b>	0.820			<b>304585</b>	2.050
600			<b>596018</b>	1.500	<b>304586</b>	



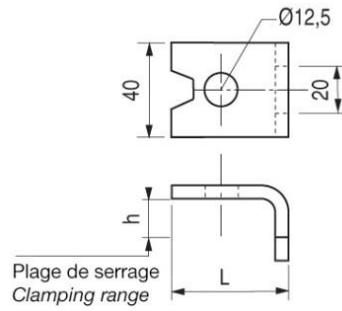
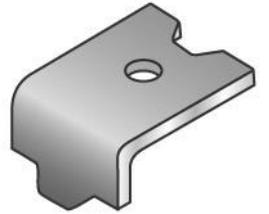
**CLAME SL**

		Désignation	Code	Masse kg/p
<b>I3</b>	1	CLAME SL I3	<b>582995</b>	0.042



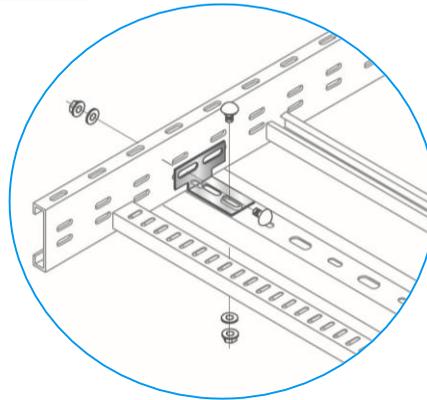
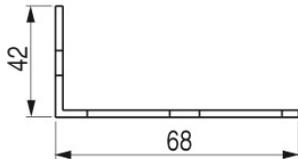
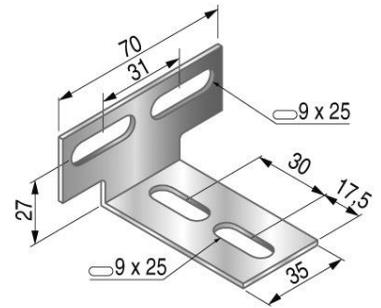
**CRAPAUD STRUT 41**

		Désignation	Code	Ep. mm	H. mm	L. mm	Masse kg/p
<b>I3</b>	25	CRAPAUD STRUT 41 H5-15 I3	<b>685082</b>	6.00	10	60	0.121
	25	CRAPAUD STRUT 41 H15-25 I3	<b>685378</b>	6.00	20	60	0.141
	1	CRAPAUD STRUT 41 H25-35 I3	<b>685238</b>	6.00	40	70	0.189



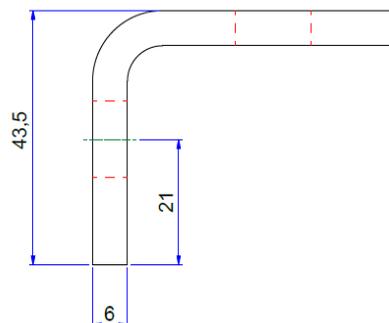
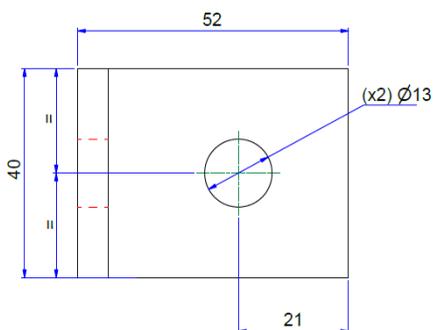
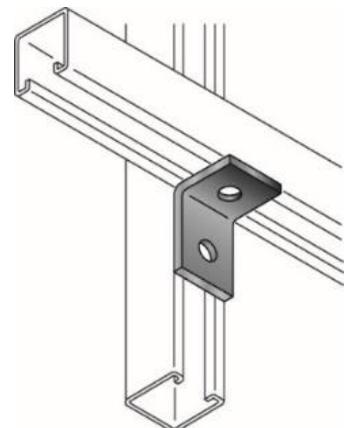
**CLAMES ATLAS**

		Désignation	Code	Masse kg/p
<b>I3</b>	1	CLAME ATLAS I3	<b>596001</b>	0.070



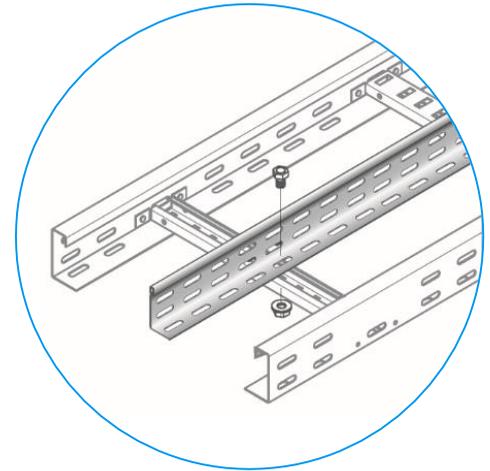
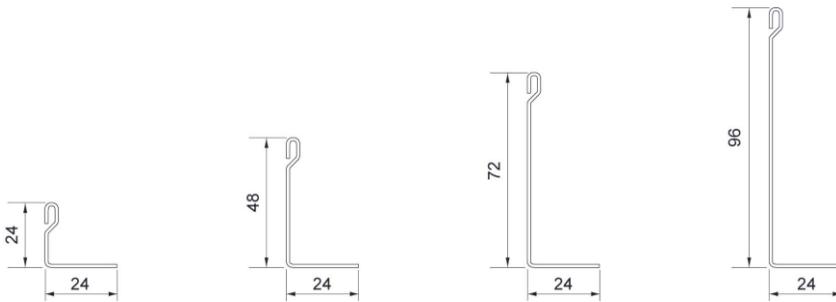
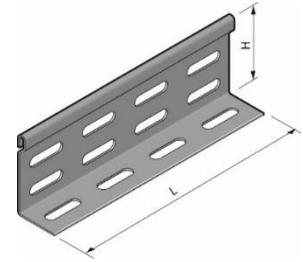
**ÉQUERRE 90 STRUT 41 – 2 TROUS – PS 604**

		Désignation	Code	Masse kg/p
<b>I3</b>	25	EQUERRE 90 2T STRUT41 I3	<b>685032</b>	0.150



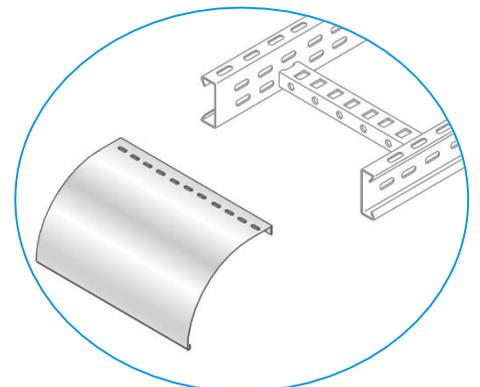
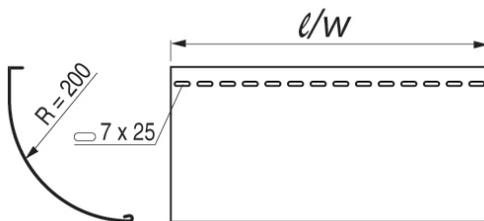
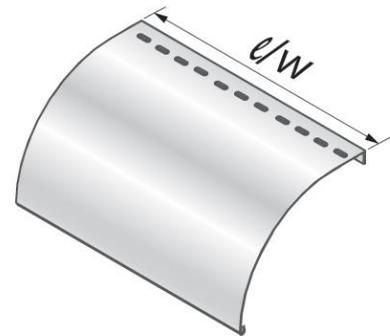
**CORNIÈRES DE SÉPARATION LPS**

	 m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
<b>I3</b>	3	LPS H24/27x0.80 I3	<b>214630</b>	0.80	24	0.280
	3	LPS H48/51x0.80 I3	<b>214631</b>	0.80	48	0.402
	3	LPS H72/75x0.80 I3	<b>214632</b>	0.80	72	0.525
	3	LPS H96/99x0.80 I3	<b>214633</b>	0.80	96	0.640

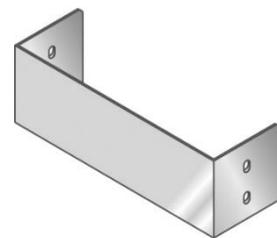
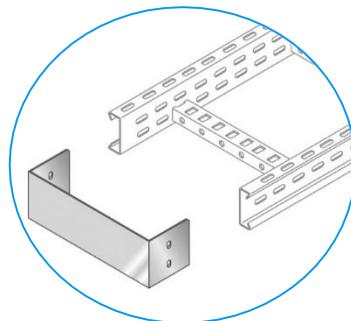
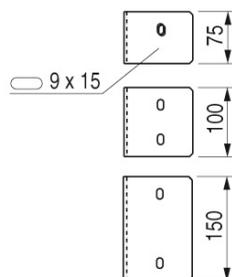
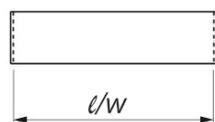


**SORTIE DE CÂBLES SC**

	 p	Désignation	Code	Masse kg/p
<b>I3</b>	1	SC ATLAS 150 I3	<b>596219</b>	0.800

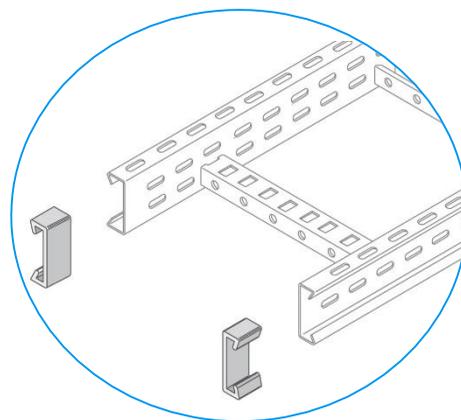
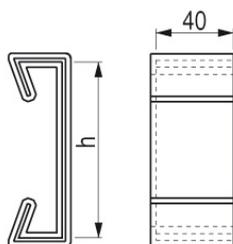


**EMBOUTS D'EXTREMITÉ EE – SUR DEMANDE**

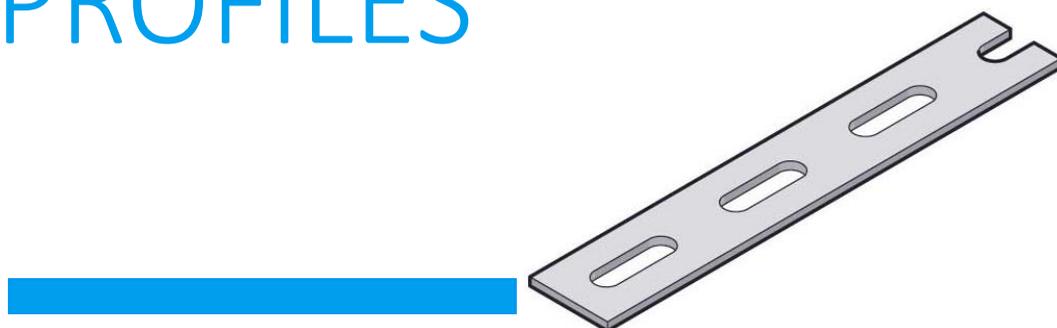


**EMBOUTS DE PROTECTION**

 p	Désignation	Code	Masse kg/p
<b>PVC</b> 1	EMBOUT ATL 75 PVC	<b>598216</b>	0.070
1	EMBOUT ATL 100 PVC	<b>598217</b>	0.090
1	EMBOUT ATL 150 PVC	<b>598218</b>	0.130



# PROFILÉS



Plats ..... p.107

Cornières ..... p.107

U ..... p.107

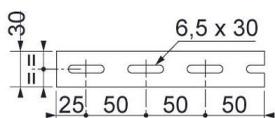
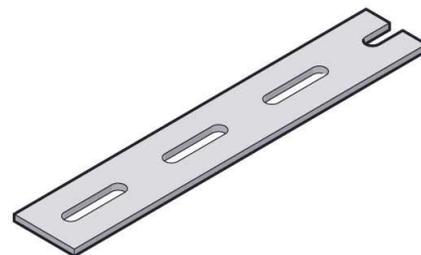
Z ..... p.108

Oméga ..... p.108

Pontets Oméga ..... p.109

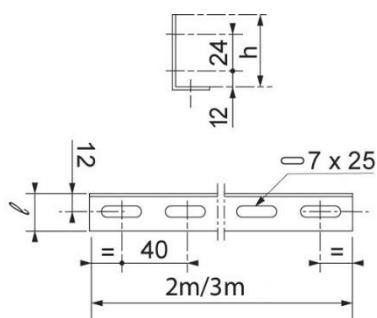
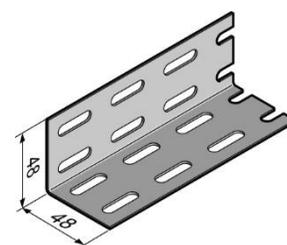
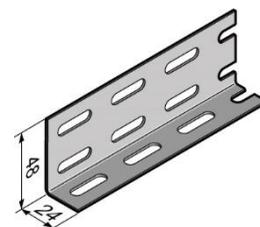
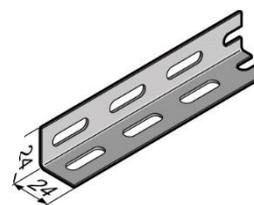
PLATS A521 – 3 M

	 m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	PLAT A521 30x3.00 6.5x30 3M I2	<b>313051</b>	3.00	0.620
I3	3	PLAT A521 30x4.00 6.5x30 3M I3	<b>213053</b>	4.00	0.840



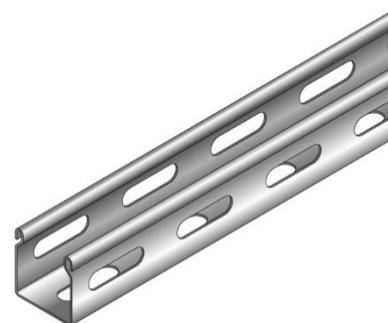
CORNIÈRES A560 – 3 M

	 m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	L A560 24x24x1.50 3M I2	<b>314051</b>	1.50	0.478
	3	L A560 24x48x1.50 3M I2	<b>314054</b>	1.50	0.710
	3	L A560 48x48x1.50 3M I2	<b>314057</b>	1.50	0.956



UPS A540 – 3 M

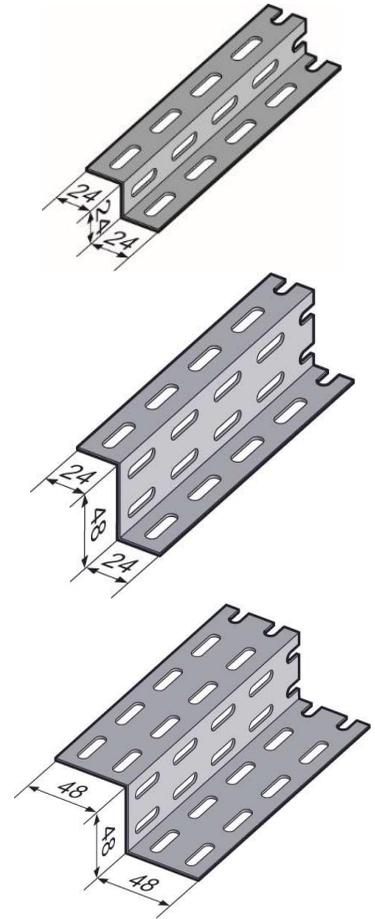
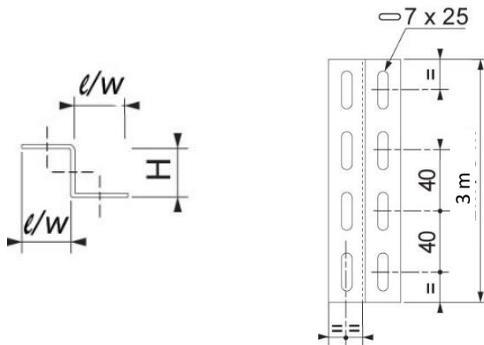
	 m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	UPS A540 24x27x0.80 3M I2	<b>315001</b>	0.80	0.466
I3	3	UPS 24x27x0.80 A540 3M I3	<b>215001</b>	0.80	0.469



**Z A570 – 3 M**

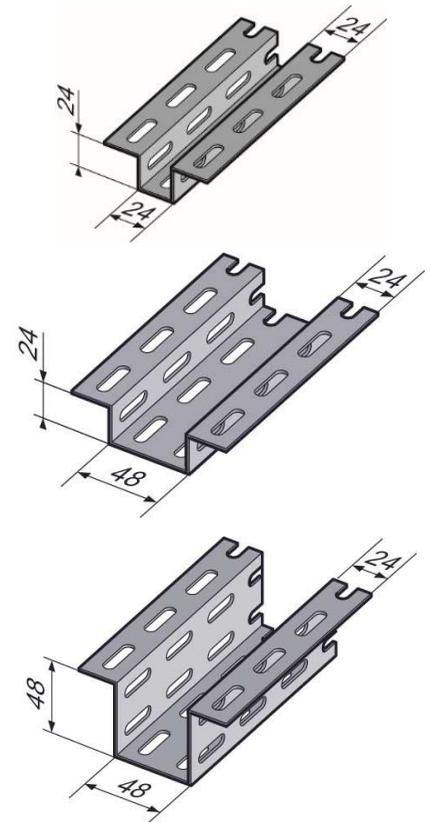
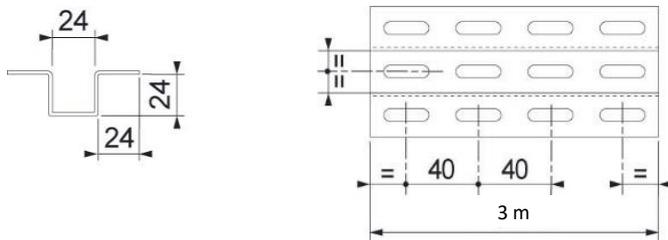
 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b> 3	Z A570 24x24x24x1.50 3M I2	<b>316003</b>	1.50	0.717
3	Z A570 24x48x24x1.50 3M I2	<b>316006</b>	1.50	0.956
3	Z A570 48x48x48x1.50 3M I2	<b>316009</b>	1.50	1.430

 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b> 3	Z A570 24x24x24x1.50 3M I3	<b>216002</b>	1.50	0.713
3	Z A570 24x48x24x1.50 3M I3	<b>216005</b>	1.50	0.950
3	Z A570 48x48x48x1.50 3M I3	<b>216008</b>	1.50	1.430



**OMEGA A575 – 3 M**

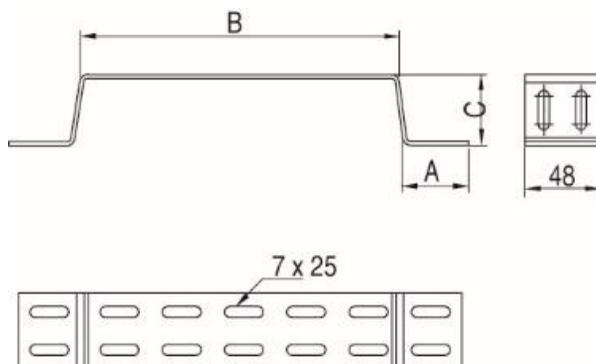
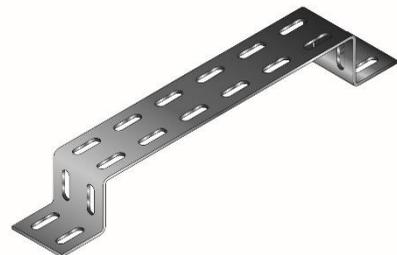
 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b> 3	OMEGA A575 24x24x24x1.50 3M I2	<b>317002</b>	1.50	1.180
3	OMEGA A575 24x48x24x1.50 3M I2	<b>317005</b>	1.50	1.420
3	OMEGA A575 48x48x24x1.50 3M I2	<b>317008</b>	1.50	1.910



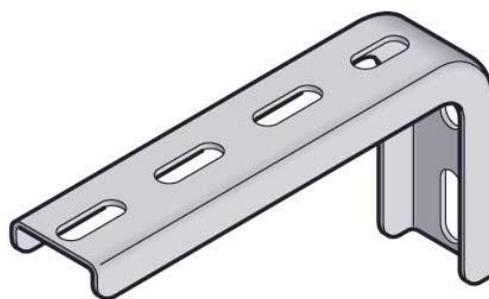
**PONTETS OMEGA**

 p	Désignation	Code	Ep. mm	A mm	B mm	C mm	Masse kg/p
<b>I2</b> 1	PO 40x 80x40x1.50 I2	<b>340216</b>	1.50	42.5	85	45	0.113
1	PO 40x120x40x1.50 I2	<b>340217</b>	1.50	42.5	125	45	0.132
1	PO 40x160x40x1.50 I2	<b>340218</b>	1.50	42.5	165	45	0.151
1	PO 40x200x40x1.50 I2	<b>340219</b>	1.50	42.5	205	45	0.170

 p	Désignation	Code	Ep. mm	A mm	B mm	C mm	Masse kg/p
<b>I3</b> 1	PO 40x 80x40x1.50 I2	<b>240216</b>	1.50	42.5	85	45	0.110
1	PO 40x200x40x1.50 I2	<b>240219</b>	1.50	42.5	205	45	0.170



# SUPPORTAGE

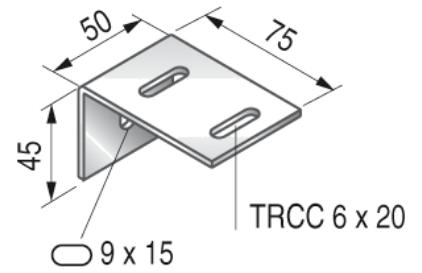


- Supports Légers ..... p.111
- Supports Moyens ..... p.114
- Supports Lourds ..... p.124

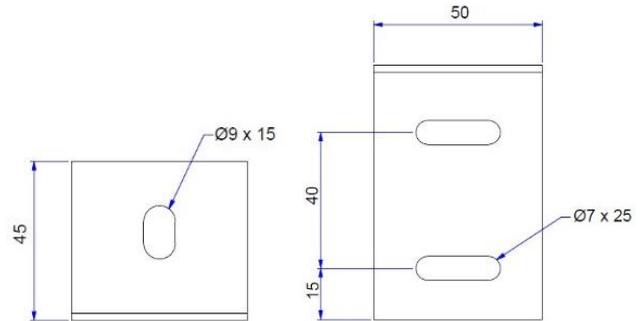
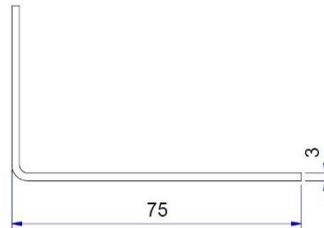
**ÉQUERRES 75x45**

	 p	Désignation	Code	 daN	Masse kg/p
<b>I2</b>	1	EQU 75x45 EP2 I2	<b>616001</b>	25	0.090

	 p	Désignation	Code	 daN	Masse kg/p
<b>I3</b>	1	EQU 75x45 EP2 I3	<b>617001</b>	25	0.085



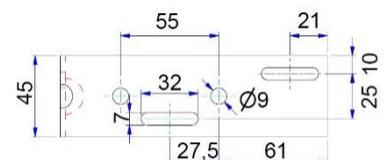
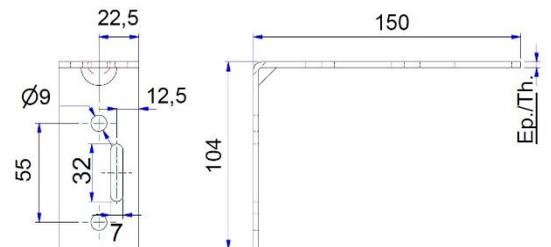
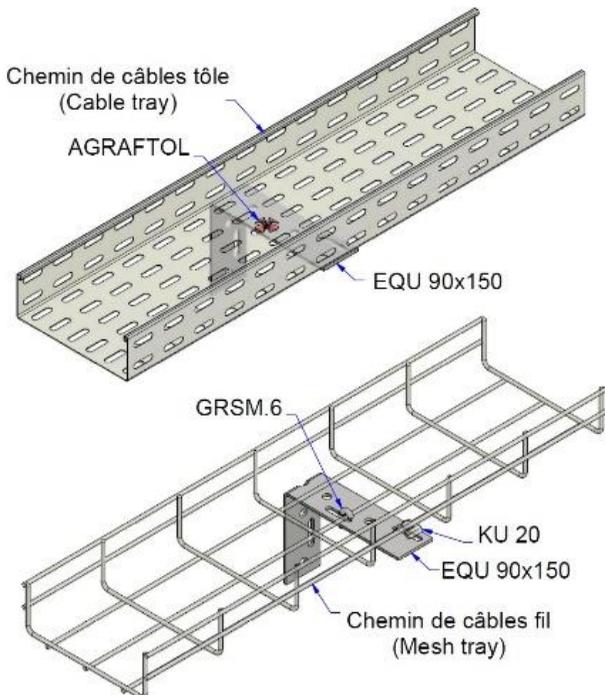
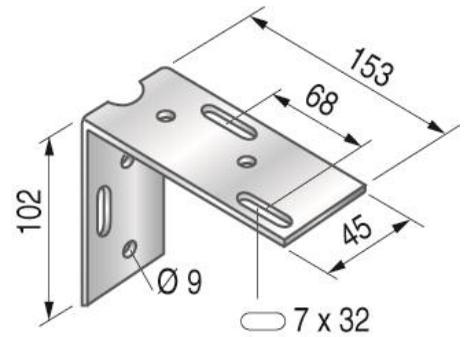
- Fixation des dalles perforées par BP TRCC M6x12 ou Agraftol
- Fixation des CDC fil par GRSM.6 et KU20



**ÉQUERRES 90x150**

	 p	Désignation	Code	 daN	Masse kg/p
<b>I3</b>	1	EQU 90x150 I3	<b>617123</b>	20	0.244

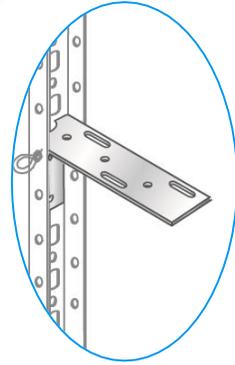
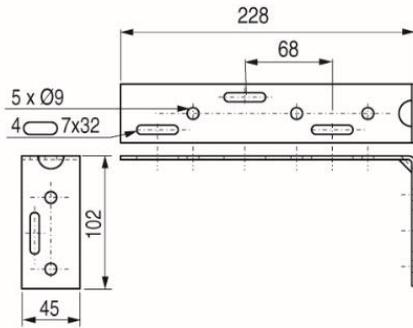
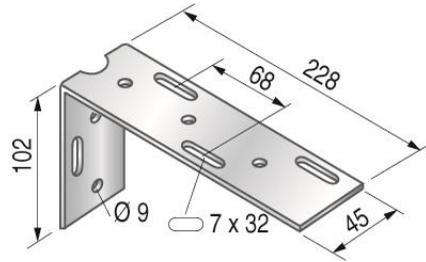
- Fixation des dalles perforées par BP TRCC M6x12 ou Agraftol
- Fixation des CDC fil par GRSM.6 et KU20



**ÉQUERRES 90x225**

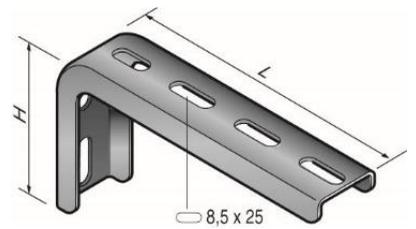
	 p	Désignation	Code	 daN	Masse kg/p
<b>I3</b>	1	EQU 90x225 I3	<b>617124</b>	16	0.250

- Fixation des dalles perforées par BP TRCC M6x12 ou Agrafitol
- Fixation des CDC fil par GRSM.6 et KU20

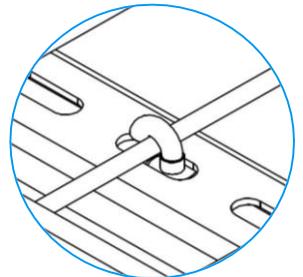
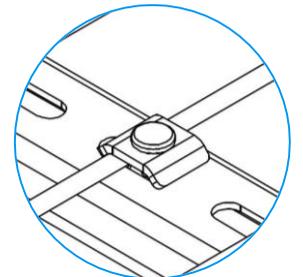


**CONSOLES CU**

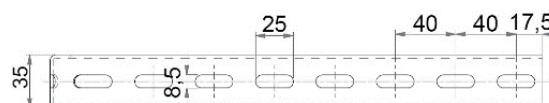
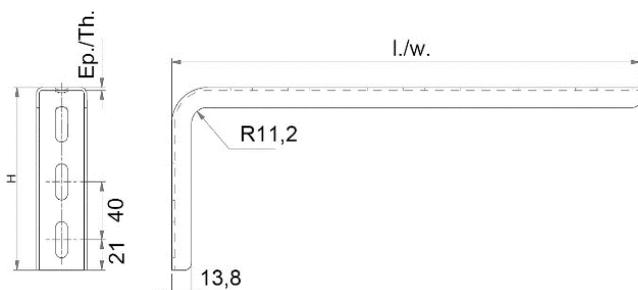
	 p	Désignation	Code	Ep. mm	H. mm	l. mm	 daN	Masse kg/ml
<b>I2</b>	10	CU 80 I2	<b>311020</b>	1.50	86	86	120	0.090
	10	CU 120 I2	<b>311021</b>	1.50	86	126	90	0.120
	10	CU 160 I2	<b>311010</b>	1.50	86	166	70	0.140
	10	CU 240 I2	<b>311011</b>	1.50	126	246	60	0.210
	10	CU 320 I2	<b>311012</b>	1.50	126	326	40	0.270
	10	CU 320x200 I2	<b>311016</b>	1.50	206	326	40	0.310



	 p	Désignation	Code	Ep. mm	H. mm	l. mm	 daN	Masse kg/ml
<b>I3</b>	10	CU 80 I3	<b>211020</b>	1.50	86	86	120	0.090
	1	CU 120 I3	<b>211021</b>	1.50	86	126	90	0.120
	1	CU 160 I3	<b>211010</b>	1.50	86	166	70	0.140
	1	CU 240 I3	<b>211011</b>	1.50	126	246	60	0.210
	1	CU 320 I3	<b>211012</b>	1.50	126	326	40	0.310
	10	CU 320x200 I3	<b>211016</b>	1.50	126	326	40	0.310



- Fixation des dalles perforées par BP TRCC M6x12 ou Agrafitol
- Fixation des CDC fil par GRSM.6 et KU20



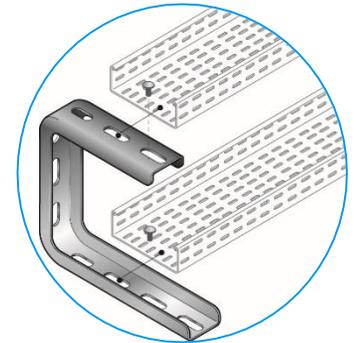
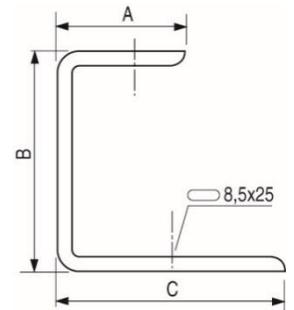
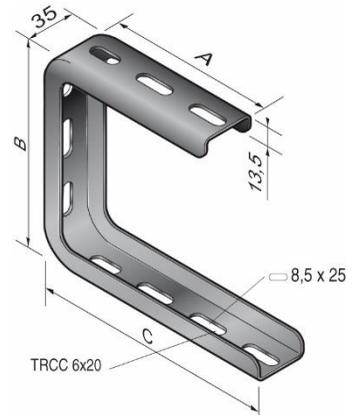
**SUPPORTS CCU**

		Désignation	Code	Ep. mm	A mm	B mm	C mm	Masse kg/p
<b>I2</b>	10	CCU 80x140x160 I2	<b>312349</b>	1.50	86	137	166	0.230
	10	CCU 120x180x160 I2	<b>312350</b>	1.50	126	177	166	0.290
	10	CCU 120x260x160 I2	<b>312351</b>	1.50	126	257	166	0.310
	10	CCU 120x180x240 I2	<b>312352</b>	1.50	126	177	246	0.340
	10	CCU 120x340x240 I2	<b>312354</b>	1.50	126	337	246	0.530

		Désignation	Code	Ep. mm	A mm	B mm	C mm	Masse kg/p
<b>I3</b>	1	CCU 80x140x160 I3	<b>212349</b>	1.50	86	137	166	0.212
	1	CCU 120x180x160 I3	<b>212350</b>	1.50	136	177	166	0.350
	1	CCU 120x260x160 I3	<b>212351</b>	1.50	126	257	166	0.410
	1	CCU 120x180x240 I3	<b>212352</b>	1.50	126	177	246	0.310
	1	CCU 120x340x240 I3	<b>212354</b>	1.50	126	337	246	0,420
	1	CCU 160x260x240 I3	<b>212353</b>	1.50	166	257	246	0.377



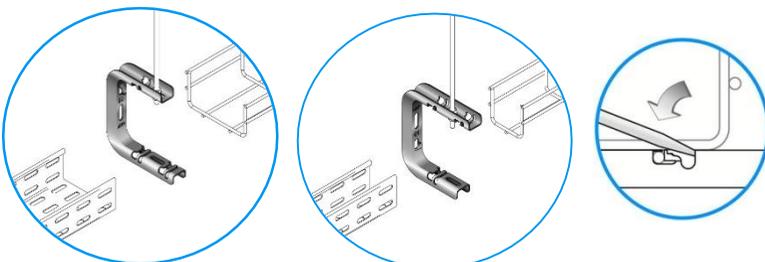
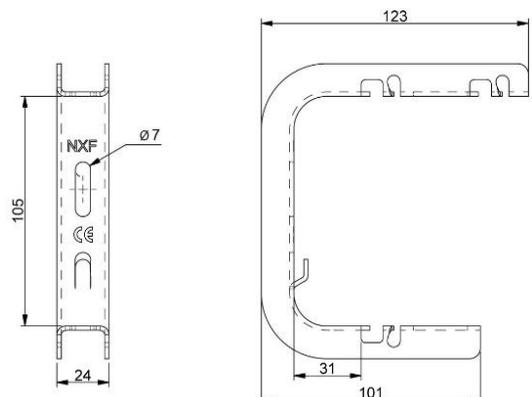
DESCRIPTION	CHARGES		
	C(DaN)	C1(DaN)	C2(DaN)
<b>CCU 80x140x160</b>	70	120	75
<b>CCU 120x180x160</b>	65	100	75
<b>CCU 120x260x160</b>	60	100	75
<b>CCU 120x180x240</b>	50	100	55
<b>CCU 160x260x240</b>	45	70	50
<b>CCU 120x340x240</b>	40	100	55



**SUPPORTS SFT**

		Désignation	Code		Masse kg/p
<b>I3</b>	25	SFT 50 - 100	<b>750050</b>	20	0.200

- Support réversible pour chemins de câbles tôle ou fil de largeur 50 et 100 mm
- Fixation des dalles perforées par BP TRCC M6x12 HE
- Fixation sans boulons des CDC Fil
- Fixation directe sur mur ou par tige filetée Ø 6mm au plafond



## GAMME S100U

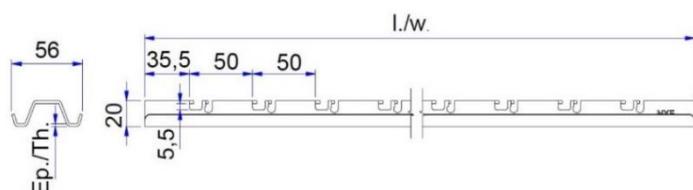
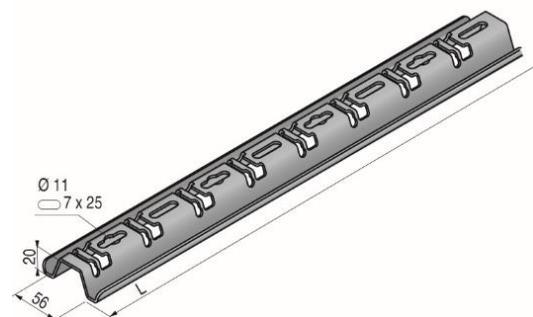
### Système universel pour chemins de câbles en tôle et en fil

- Fixation **sans boulons** pour les chemins de câbles en fil
- Fixation **murale** ou **plafond directe**
- Fixation des consoles sur rail **S100U** ou **STRUT 41**
- Breveté

### RAILS S100U AU MÈTRE

m	Désignation	Code	Ep. mm	Masse kg/ml
I3	1 S100U 1M I3	<b>750107</b>	2.00	1.190
	2 S100U 2M I3	<b>750110</b>	2.00	1.190
	3 S100U 3M I3	<b>750111</b>	2.00	1.220

- Fixation des dalles perforées par TRCC M6x12 ou Agraftol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis



Tige filetée M8 + 2 Ecrous HE M8  
(Threaded rod M8 + 2 Nut M8)

Chemin de câbles tôle  
(Cable tray)

Agraftol

BP TRCC M6x12 HE

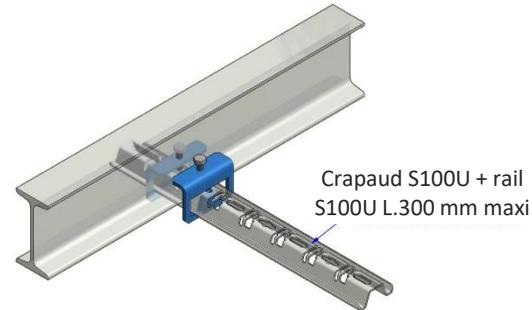
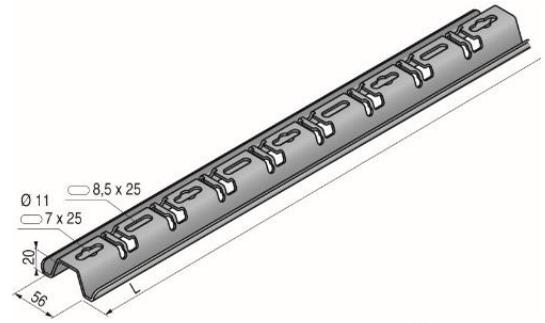
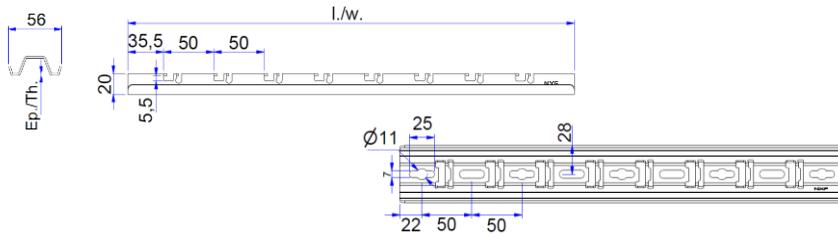
Tige filetée M8 + 2 Ecrous HE M8  
(Threaded rod M8 + 2 Nut M8)

Chemin de câbles fil  
(Mesh tray)

## RAILS S100U A LA PIÈCE

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	10	S100U 200 I3	<b>750101</b>	2.00	0.230
	10	S100U 250 I3	<b>750102</b>	2.00	0.280
	10	S100U 350 I3	<b>750103</b>	2.00	0.390
	10	S100U 450 I3	<b>750104</b>	2.00	0.490
	10	S100U 550 I3	<b>750105</b>	2.00	0.610
	10	S100U 650 I3	<b>750106</b>	2.00	0.750

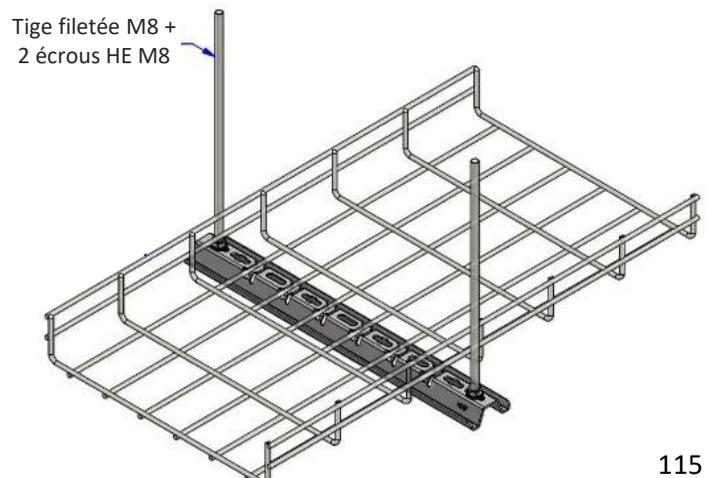
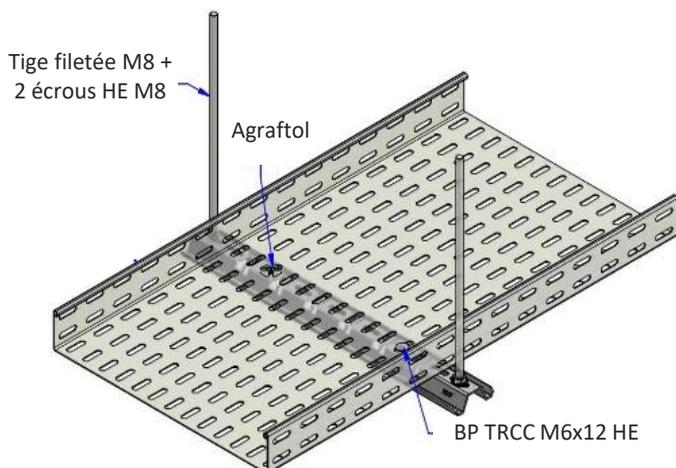
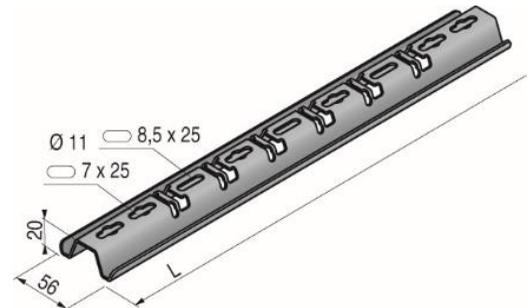
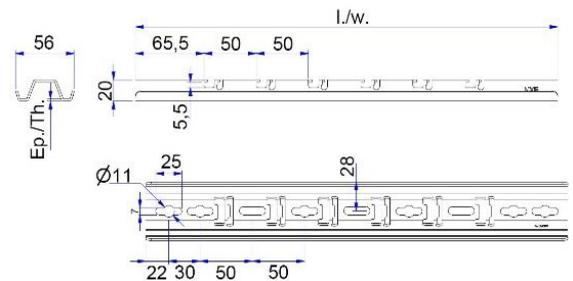
- Fixation des dalles perforées par TRCC M6x12 ou Agrafitol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis



## BALANCELLES S100U

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	10	BALANCELLE S100U 100 I3	<b>750201</b>	2.00	0.260
	10	BALANCELLE S100U 150 I3	<b>750202</b>	2.00	0.320
	10	BALANCELLE S100U 200 I3	<b>750203</b>	2.00	0.380
	10	BALANCELLE S100U 300 I3	<b>750204</b>	2.00	0.500
	10	BALANCELLE S100U 400 I3	<b>750205</b>	2.00	0.620
	10	BALANCELLE S100U 500 I3	<b>750206</b>	2.00	0.740
	10	BALANCELLE S100U 600 I3	<b>750207</b>	2.00	0.860

- Fixation des dalles perforées par TRCC M6x12 ou Agrafitol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis



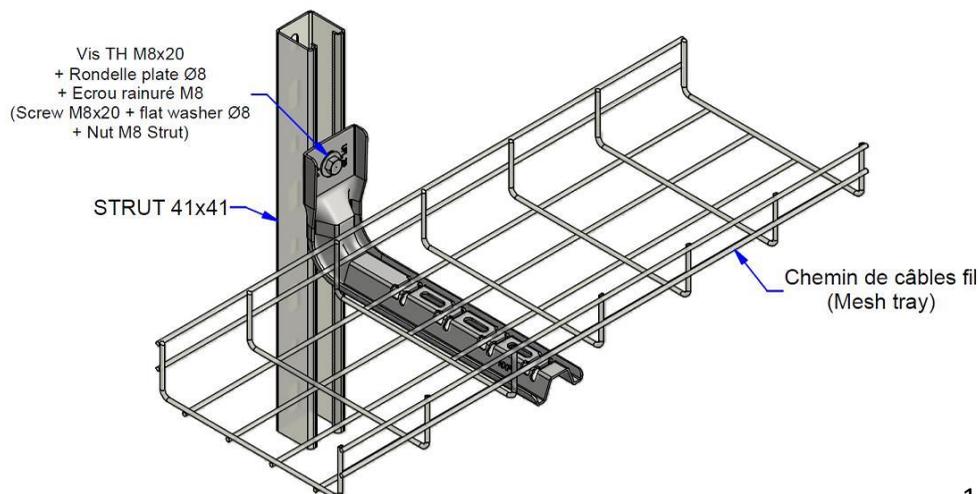
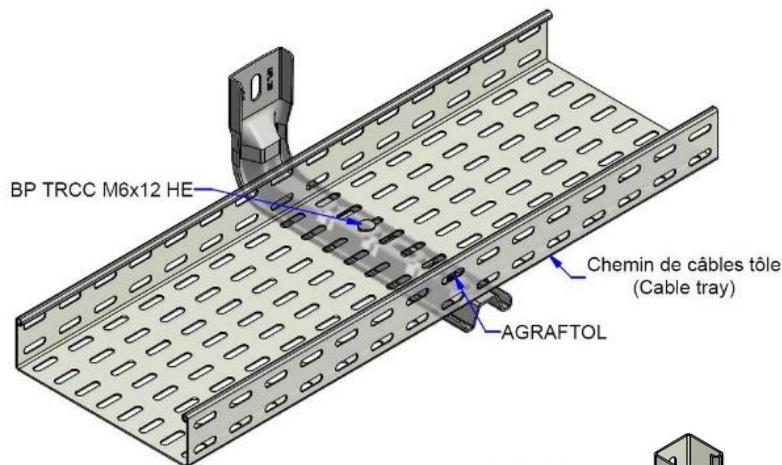
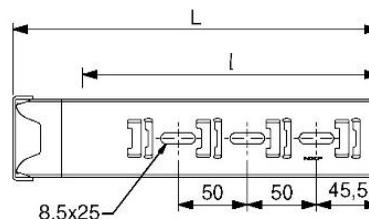
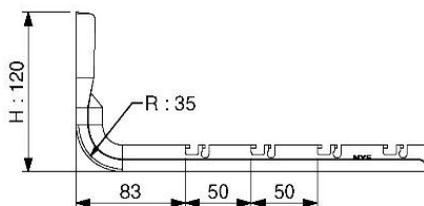
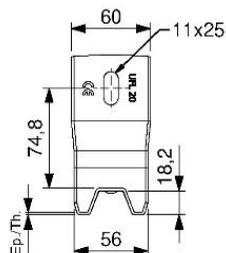
**CONSOLE UFL**

	Désignation	Code	Ep. mm	H. mm	l. mm	 daN	Masse kg/p
<b>13</b>	20 UFL-10 I3	<b>750001</b>	2.00	120.00	100	130	0.320
	20 UFL-15 I3	<b>750002</b>	2.00	120.00	150	108	0.380
	20 UFL-20 I3	<b>750003</b>	2.00	120.00	200	86	0.430
	20 UFL-25 I3	<b>750004</b>	2.00	170.00	250	75	0.560
	20 UFL-30 I3	<b>750005</b>	2.00	170.00	300	64	0.600



- Pour **montage mural**, sur rail **S100U** ou **STRUT 41**
- Fixation des dalles perforées par TRCC M6x12 ou Agrafitol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis

*l. mm : largeur admissible du chemin de câbles ou longueur utile de la console*



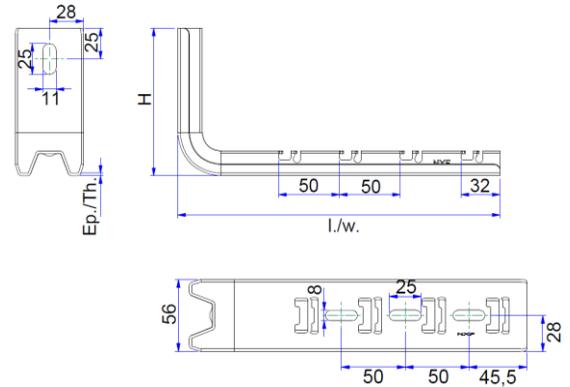
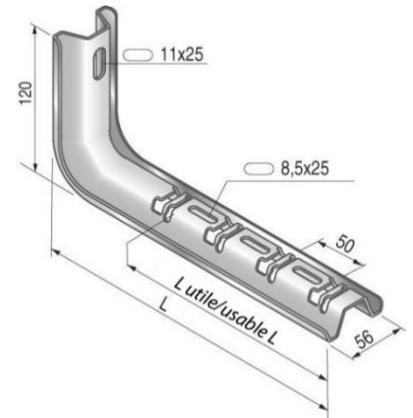
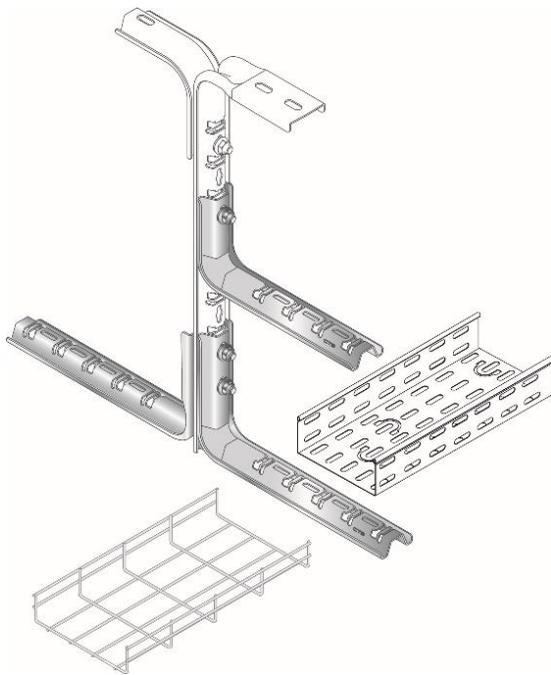
## CONSOLE UFLP

		Désignation	Code	Ep. mm	H. mm	l. mm	L. mm		Masse kg/p
<b>I3</b>	20	UFLP-10 I3	<b>750030</b>	2.00	120	100	165	130	0.310
	20	UFLP-15 I3	<b>750031</b>	2.00	120	150	215	108	0.370
	20	UFLP-20 I3	<b>750032</b>	2.00	120	200	265	86	0.460
	20	UFLP-25 I3	<b>750033</b>	2.00	170	250	315	75	0.550
	20	UFLP-30 I3	<b>750034</b>	2.00	170	300	365	64	0.600

- Pour **montage direct sans clame sur pendard ou sur rail S100U**
- Fixation des dalles perforées par TRCC M6x12 ou Agrafitol
- Verrouillage du chemin de câbles fil à l'aide d'un tournevis

*l.mm : largeur admissible du chemin de câbles ou longueur utile de la console*

*L.mm : longueur totale de la console*

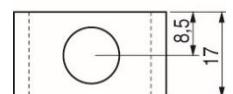
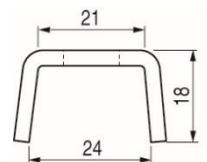
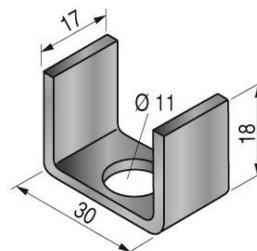
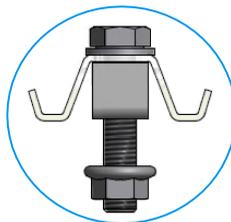


## CLAME S100U

		Désignation	Code	Masse kg/p
<b>I3</b>	50	CLAME S100U I3	<b>555113</b>	0.016

Recommandée pour des montages de :

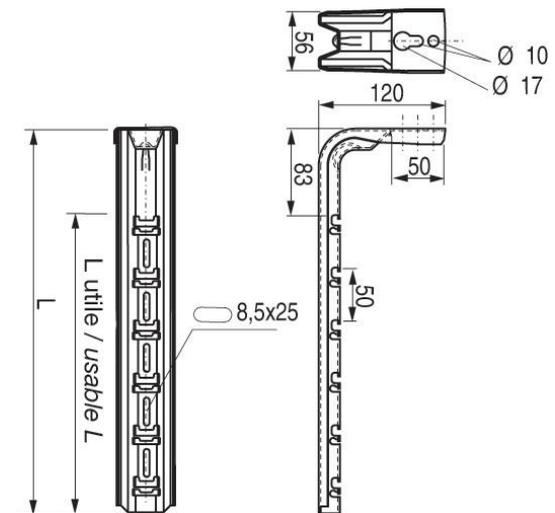
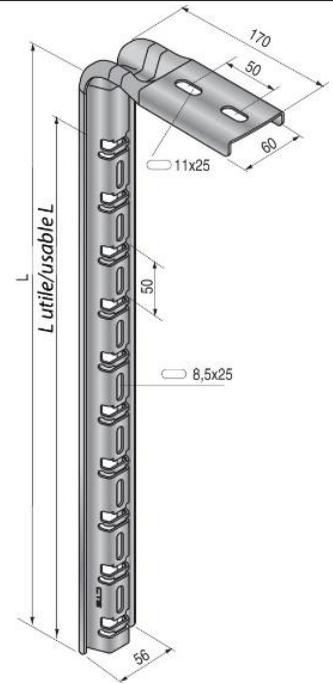
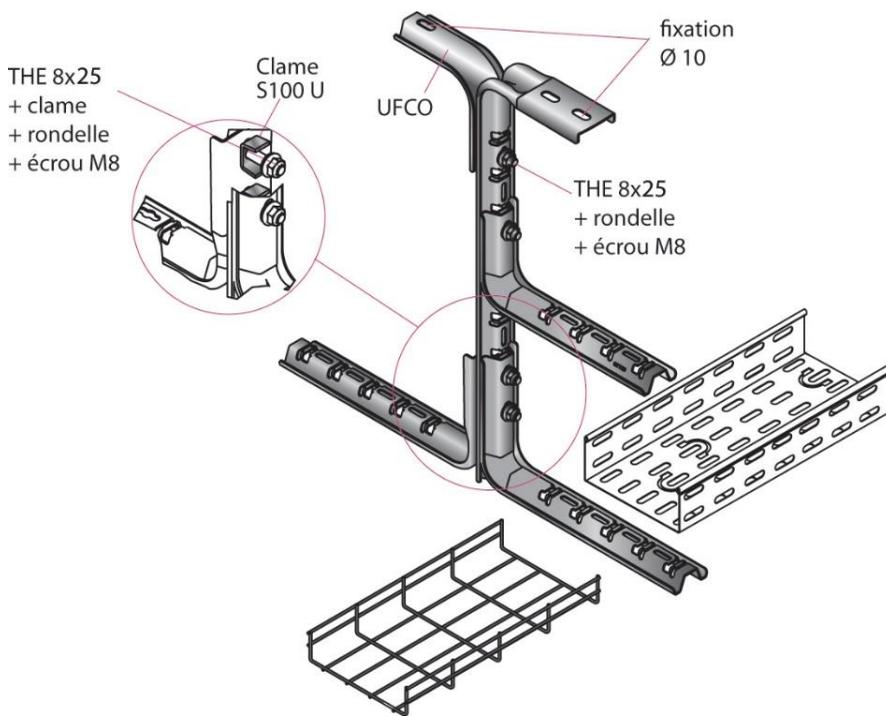
- Rails S100U au sol ou mural
- Consoles UFL en dos de pendard



**PENDARDS UFL**

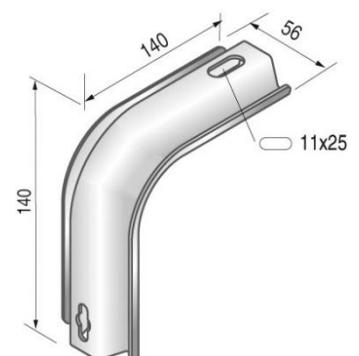
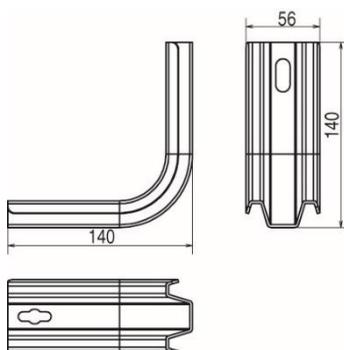
		Désignation	Code	Ep. mm	l. mm	L. mm		Masse kg/p
	p						daN	
<b>I3</b>	20	UFL-40 I3	<b>750006</b>	2.00	400	465	50	0.710
	20	UFL-50 I3	<b>750007</b>	2.00	500	565	40	0.860
	20	UFL-60 I3	<b>750008</b>	2.00	600	665	30	0.950

*l. mm : longueur utile du pendard*  
*L. mm : longueur totale du pendard*



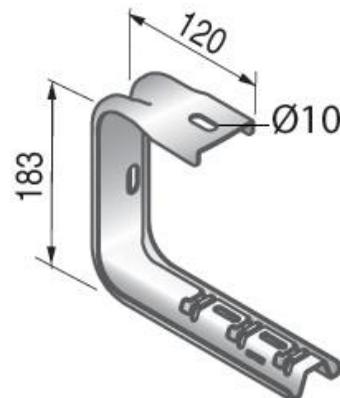
**CONTREVENTEMENTS UFCO**

		Désignation	Code	Ep. mm	H. mm	L. mm	Masse kg/p
	p						
<b>I3</b>	20	UFCO I3	<b>750040</b>	2.00	140	140	0.320



**SUPPORTS UFC- HAUTEUR 185**

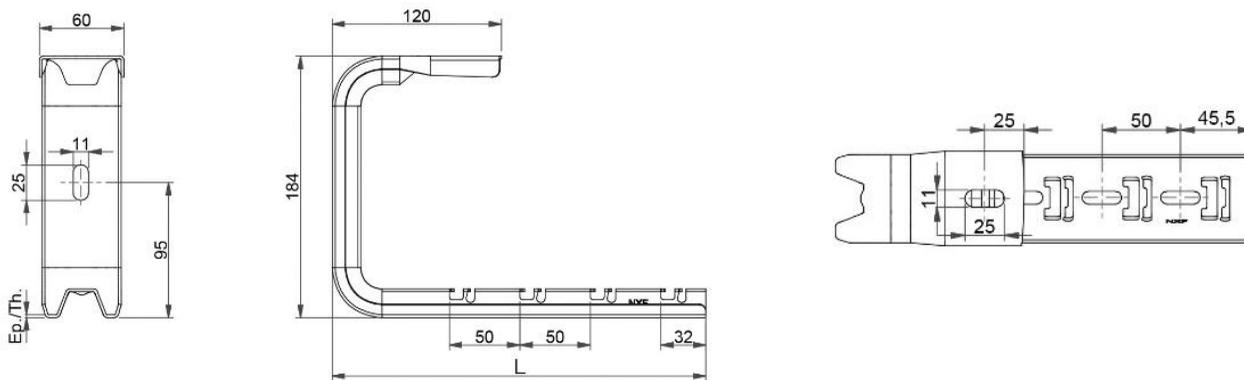
	Désignation	Code	Ep. mm	l. mm	L. mm		Masse kg/p
<b>I3</b>	20 UFC-10 120x185x100 I3	<b>750010</b>	2.00	100	165	122	0.530
	20 UFC-15 120x185x150 I3	<b>750011</b>	2.00	150	215	100	0.600
	20 UFC-20 120x185x200 I3	<b>750012</b>	2.00	200	265	81	0.670
	20 UFC-25 170x185x250 I3	<b>750013</b>	2.00	250	315	65	0.800
	20 UFC-30 170x185x300 I3	<b>750014</b>	2.00	300	365	50	0.850
	20 UFC-40 170x185x400 I3	<b>750015</b>	2.00	400	465	40	0.960



- Fixation des dalles perforées par TRCC M6x12 ou Agrafitol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis

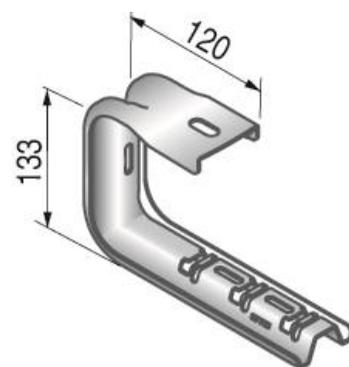
*l. mm : largeur admissible du chemin de câbles ou longueur utile du support*

*L.mm : longueur totale de la console*



**SUPPORTS UFCC- HAUTEUR 135**

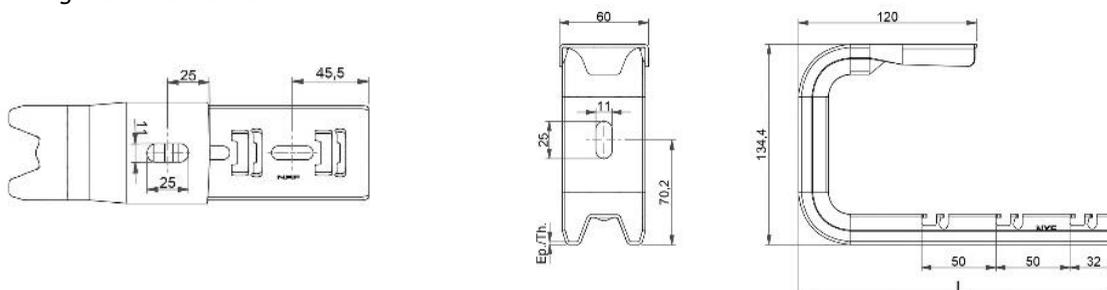
	Désignation	Code	Ep. mm	l. mm	L. mm		Masse kg/p
<b>I3</b>	20 UFCC-10 120x135x100 I3	<b>750016</b>	2.00	100	165	122	0.480
	20 UFCC-15 120x135x150 I3	<b>750017</b>	2.00	150	215	100	0.530
	20 UFCC-20 120x135x200 I3	<b>750018</b>	2.00	200	265	81	0.590
	20 UFCC-25 170x135x250 I3	<b>750019</b>	2.00	250	315	65	0.710
	20 UFCC-30 170x135x300 I3	<b>750020</b>	2.00	300	365	50	0.770
	20 UFCC-40 170x135x400 I3	<b>750021</b>	2.00	400	465	40	0.880



- Fixation des dalles perforées par TRCC M6x12 ou Agrafitol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis

*l. mm : largeur admissible du chemin de câbles ou longueur utile du support*

*L.mm : longueur totale de la console*



## GAMME S150U

### Système universel pour chemins de câbles fil ou tôle

- **Sécurisant** : le montage des consoles dans l'échelle ne peut être déboîté
- **Rapide** : encliquetage sans boulons
- Fixation **murale directe**
- Fixation sur **échelle S150U** pour pendard simple, double ou dos à dos
- Fixation sur rail **STRUT 41**

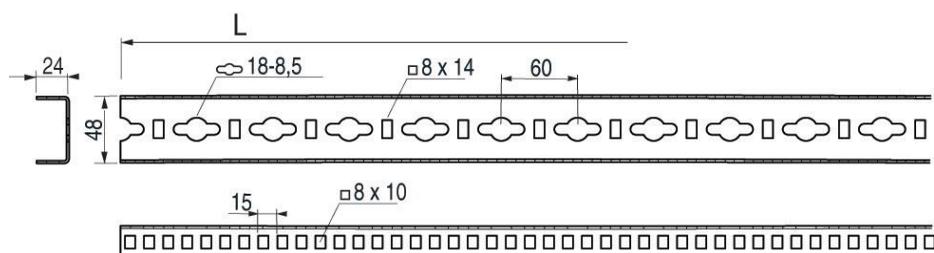
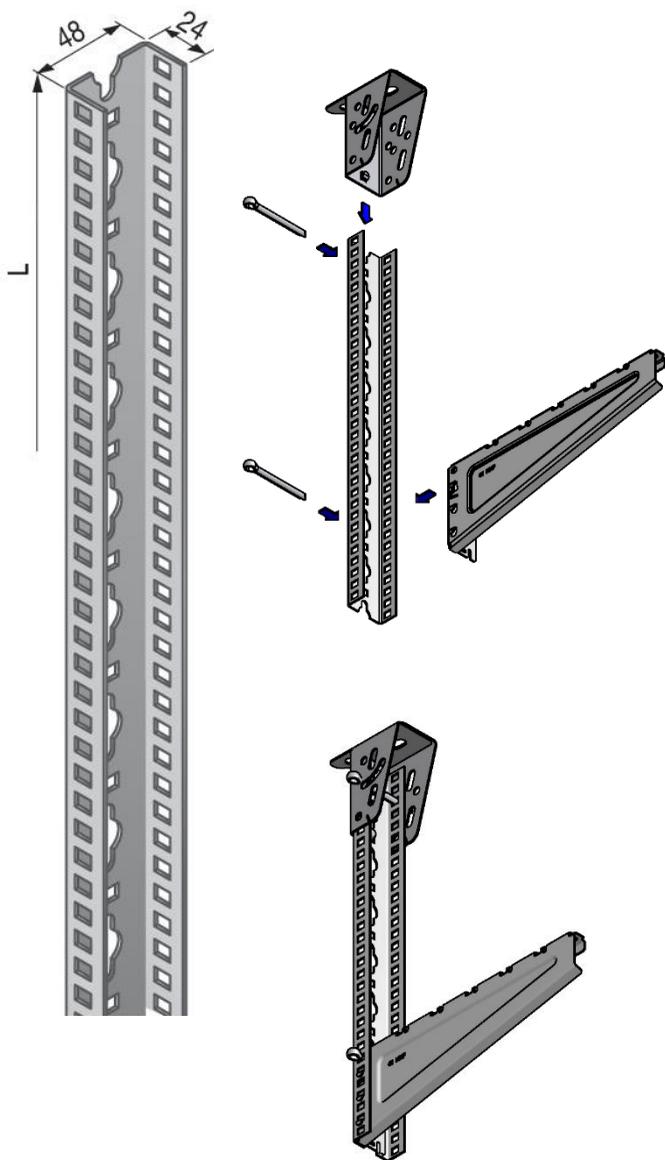
### ÉCHELLES S150U AU MÈTRE

		Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	1	S150U 2M EP2 I2	<b>759101</b>	2.00	1.217
	2	S150U 3M EP2 I2	<b>759102</b>	2.00	1.217

		Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	1	S150U 1M EP2 I3	<b>760106</b>	2.00	1.217
	2	S150U 2M EP2 I3	<b>760101</b>	2.00	1.217
	3	S150U 3M EP2 I3	<b>760102</b>	2.00	1.217

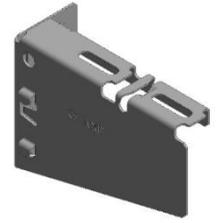
### ÉCHELLES S150U A LA PIÈCE

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	1	S150U 250 EP2 I3	<b>760107</b>	2.00	0.260
	1	S150U 500 EP2 I3	<b>760108</b>	2.00	0.581

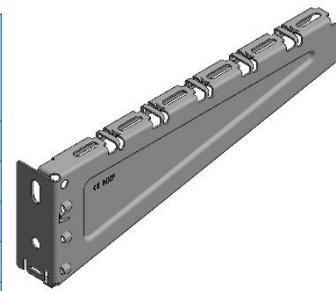


CONSOLES S150U

		Désignation	Code	Ep. mm	H. mm	l. mm	L. mm	 daN	 daN	Masse kg/p
I2	1	C100N I2	759021	1.20	77	100	118	70	90	0.130
	1	C150N I2	759022	1.20	77	150	168	75	90	0.160
	1	C200N I2	759023	1.20	77	200	218	55	120	0.180
	1	C300N I2	759024	1.20	107	300	318	130	190	0.470
	1	C400N I2	759025	1.20	107	400	417	110	150	0.540
	1	C500N I2	759026	1.50	134	500	518	150	165	1.110
	1	C600N I2	759027	2.00	134	600	618	115	125	1.240



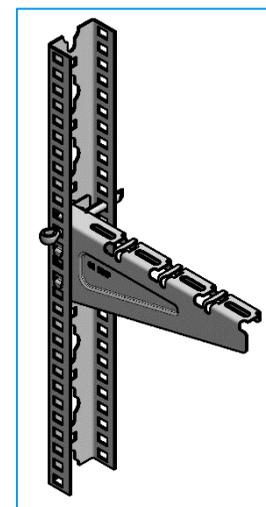
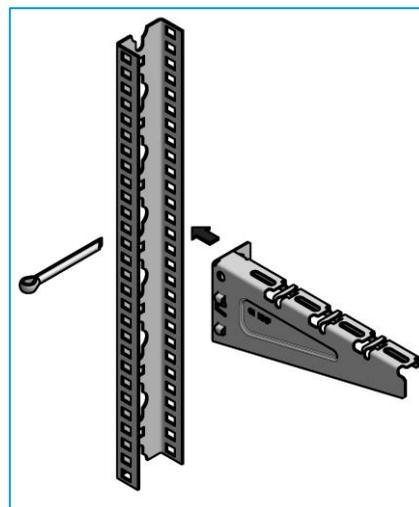
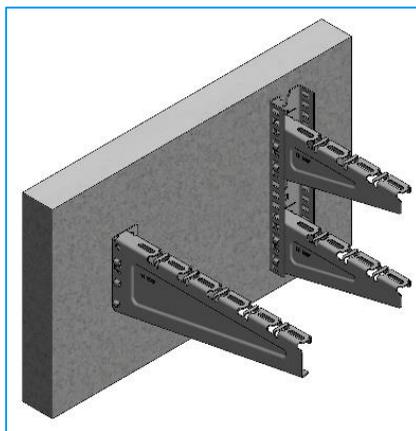
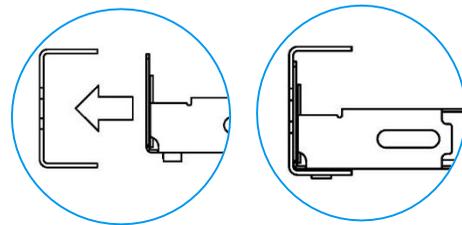
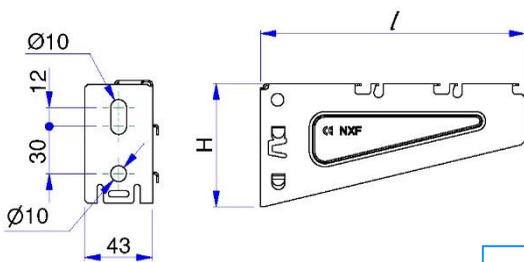
		Désignation	Code	Ep. mm	H. mm	l. mm	L. mm	 daN	 daN	Masse kg/p
I3	1	C100N I3	760021	1.20	77	100	118	70	90	0.130
	1	C150N I3	760022	1.00	77	150	168	75	90	0.160
	1	C200N I3	760023	1.00	77	200	218	55	120	0.180
	1	C300N I3	760024	1.00	107	300	318	130	190	0.470
	1	C400N I3	760025	1.00	107	400	417	110	150	0.540
	1	C500N I3	760026	2.00	134	500	518	150	165	1.110
	1	C600N I3	760027	2.00	134	600	618	115	125	1.240



- Montage mural direct  $\varnothing$  8 à 12 mm ou sur échelle S150U ou rail STRUT 41
- Fixation des dalles perforées avec Agrafitol ou BP TRCC M6x12
- CPS sur rail : les valeurs indiquées correspondent à un montage avec goupille

*l. mm : largeur admissible du chemin de câbles ou longueur utile de la console*

*L. mm : longueur totale de la console*



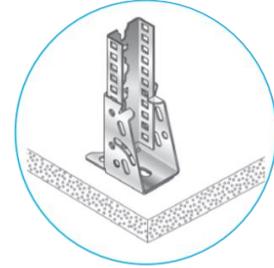
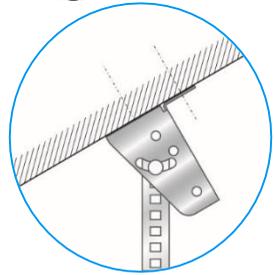
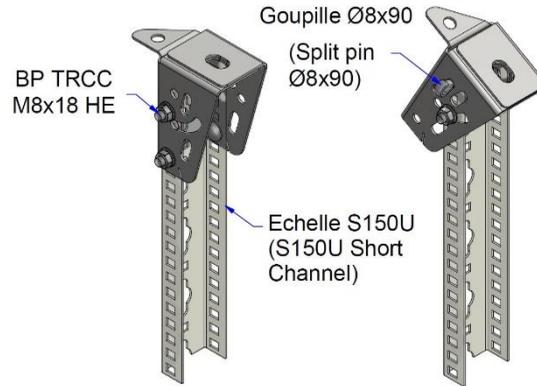
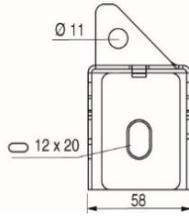
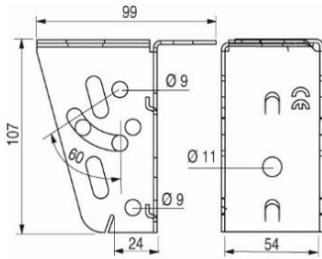
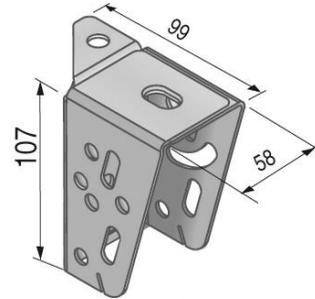
### GOUSSETS S150U A ERGOTS

	 p	Désignation	Code	Ep. mm	 m.daN	 daN	Masse kg/p
<b>I3</b>	25	GOUSSET S150U ERGOT I3	<b>760201</b>	2.00	30	600	0.264

Montage sur rail S150U par **encliquetage, sans boulons**

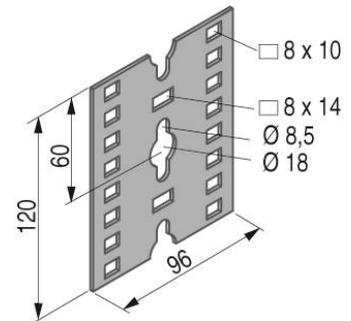
**1 seule pièce, 4 fonctions :**

- Gousset **simple** ou **orientable**
- Gousset de  **pied**
- **Double** gousset pour pender double



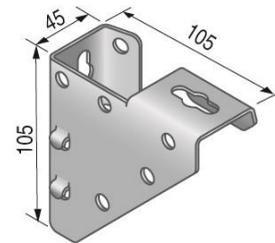
### ENTRETOISE S150U

	 p	Désignation	Code	Masse kg/p
<b>I3</b>	25	ENTRETOISE S150U I3	<b>760202</b>	0.106



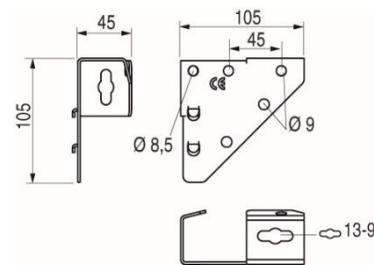
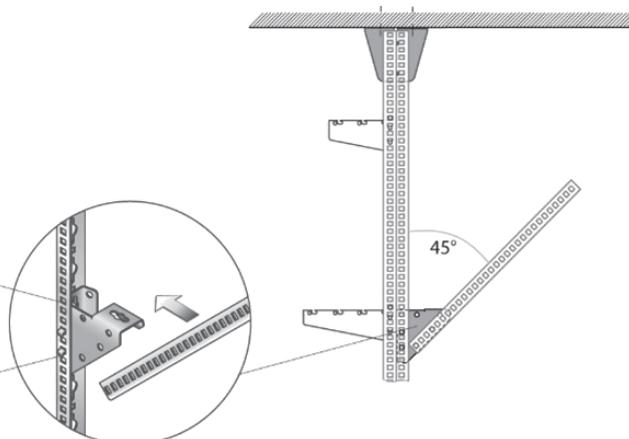
### ÉQUERRES S150U A ERGOTS

	 p	Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	1	EQU S150U I3	<b>760205</b>	2.00	0.182



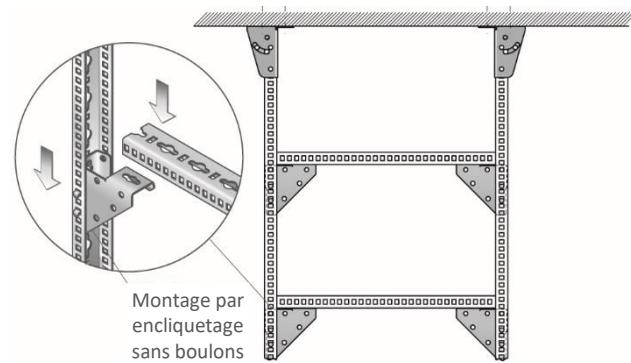
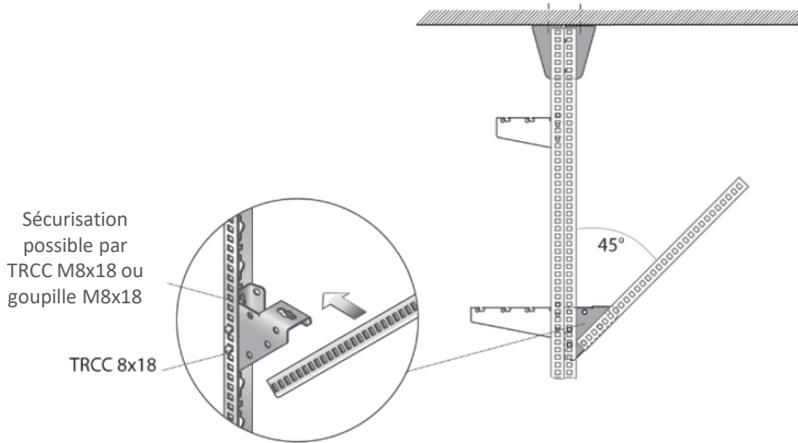
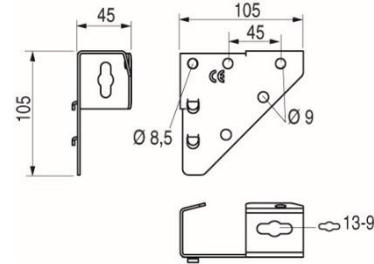
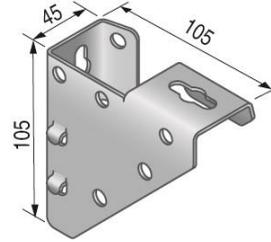
Sécurisation possible par TRCC M8x18 ou goupille M8x18

TRCC 8x18



**ÉQUERRES S150U A ERGOTS**

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	p	EQU S150U I3	<b>760205</b>	2.00	0.182

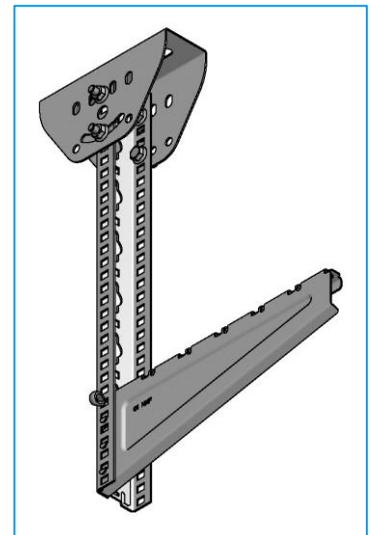
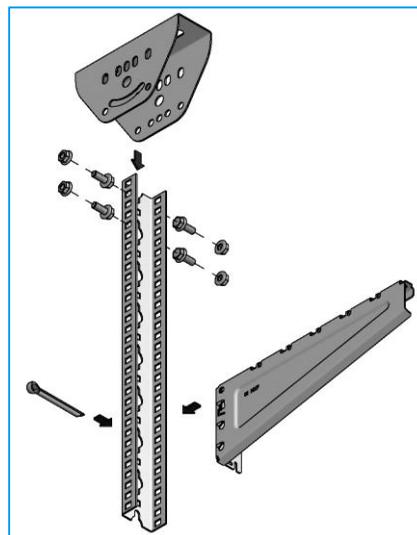
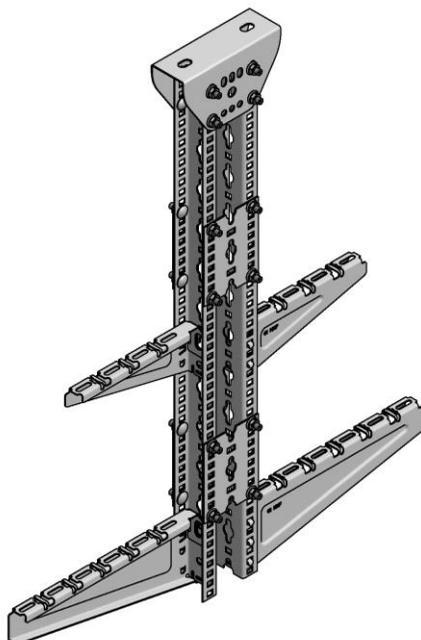
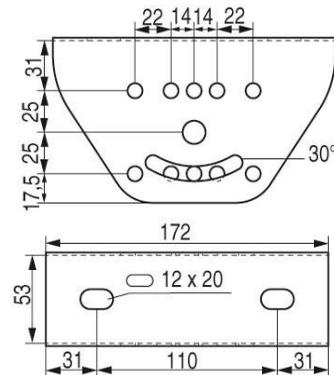
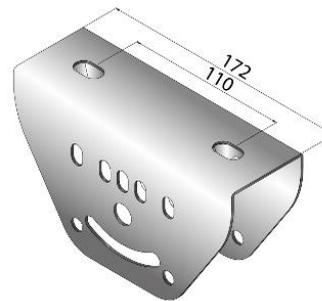


**GOUSSET G10 B**

Pour confection de pendants : avec échelles S150U

		Désignation	Code	Ep. mm	Masse kg/p
<b>I2</b>	p	G 10 B I2	<b>616021</b>	1.50	0.400

		Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	p	G 10 B I3	<b>617021</b>	1.50	0.400



## GAMME STRUT 41

Pour toute application de supportage lourd de 150 à 500 daN

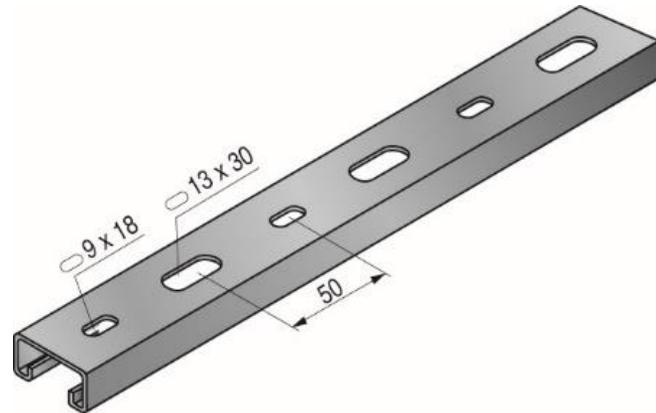
### AVANTAGES :

- **Universel** : convient pour tout type de charges et tout type de produits
- **100% adaptable** : réglage en continu le long du rail, toute configuration possible grâce à la gamme complète de ferrures et de fixations
- **Economique** : gain de 50% par rapport à la construction traditionnelle mécano-soudée
- **Sécurité renforcée** grâce au crantage anti-glissement des rails

### RAIL STRUT 41x21 PERFORÉS – PS 500

 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	3 STRUT 41x21x2.00 P 3M I2	<b>655005</b>	2.00	1.320
	6 STRUT 41x21x2.00 P 6M I2	<b>655007</b>	2.00	1.448

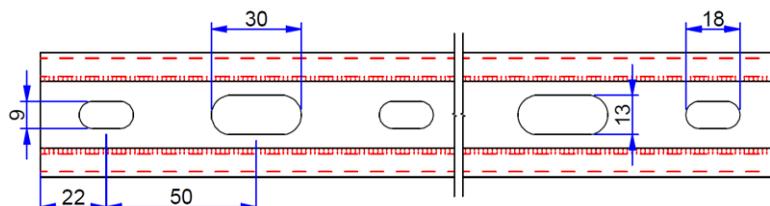
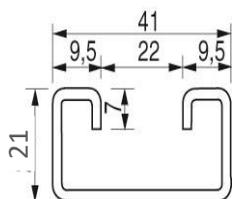
 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3 STRUT 41x21x2.00 P 3M I3	<b>656005</b>	2.00	1.415
	6 STRUT 41x21x2.00 P 6M I3	<b>656007</b>	2.00	1.470



### RAIL STRUT 41x21 PERFORÉS – PS 530

 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	3 STRUT 41x21x2.50 P 3M I2	<b>655009</b>	2.50	1.700
	6 STRUT 41x21x2.50 P 6M I2	<b>655008</b>	2.50	1.758

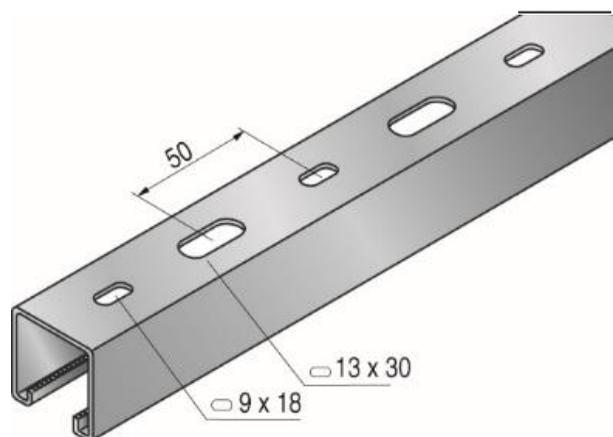
 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3 STRUT 41x21x2.50 P 3M I3	<b>656009</b>	2.50	1.670
	6 STRUT 41x21x2.50 P 6M I3	<b>656008</b>	2.50	1.769



**RAIL STRUT 41x41 PERFORÉS – PS 210U**

 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	3 STRUT 41x41x2.00 P 3M I2	<b>655001</b>	2.00	2.123
	6 STRUT 41x41x2.00 P 6M I2	<b>655003</b>	2.00	2.059

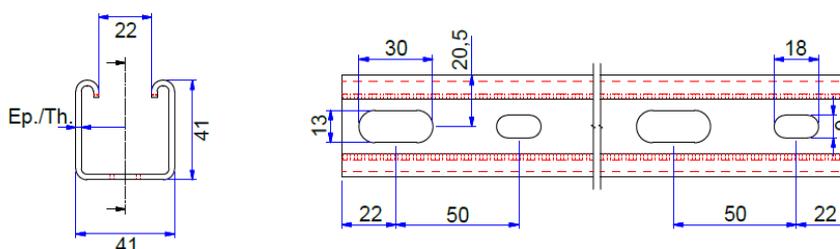
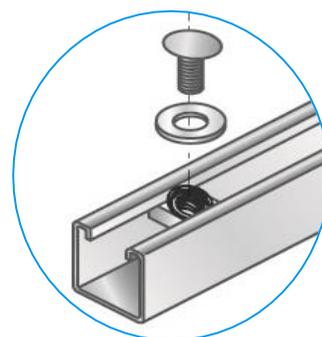
 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3 STRUT 41x41x2.00 P 3M I3	<b>656001</b>	2.00	2.052
	6 STRUT 41x41x2.00 P 6M I3	<b>656003</b>	2.00	1.890



**RAIL STRUT 41x41 PERFORÉS – PS 230U**

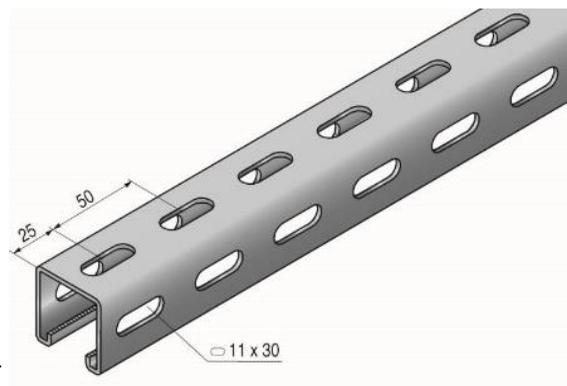
 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	3 STRUT 41x41x2.50 P 3M I2	<b>655002</b>	2.50	2.470
	6 STRUT 41x41x2.50 P 6M I2	<b>655004</b>	2.50	2.470

 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3 STRUT 41x41x2.50 P 3M I3	<b>656002</b>	2.50	2.470
	6 STRUT 41x41x2.50 P 6M I3	<b>656004</b>	2.50	2.565



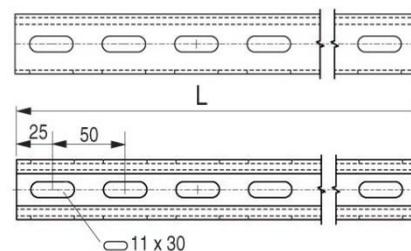
### STRUT 41x41 PERFORÉS 3 FACES – PS210 3U

	 p	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3	STRUT 41x41x2.00 3M P 3F I3	<b>656040</b>	1.75	1.616
	6	STRUT 41x41x2.00 6M P 3F I3	<b>656041</b>	1.75	1.616



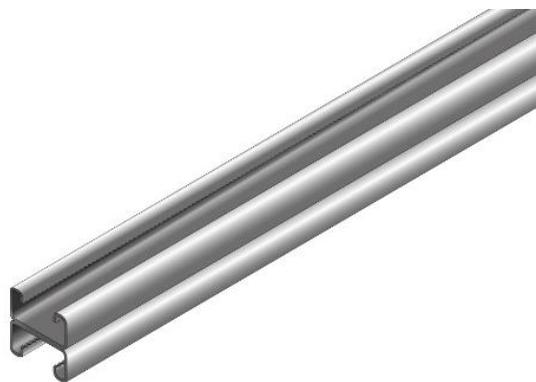
### STRUT 41x41 PERFORÉS 3 FACES – PS230 3U

	 p	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3	STRUT 41x41 3M EP2.5 I3	<b>656050</b>	2.50	2.309
	6	STRUT 41x41 6M EP2.5 I3	<b>656051</b>	2.50	2.309



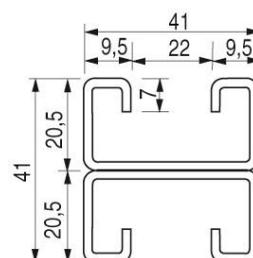
### STRUT DOUBLES 41x21 NON PERFORÉS – PS501

	 p	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3	STRUT DOUBLE 41x21 Ep 2 NP 3M	<b>656019</b>	2.00	2.626



### STRUT DOUBLES 41x21 NON PERFORÉS – PS531

	 p	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3	STRUT DOUBLE 41x21 Ep 2.5 NP 3M	<b>656023</b>	2.50	3.752
	6	STRUT DOUBLE 41x21 Ep 2.5 NP 6M	<b>656022</b>	2.50	3.752



**STRUT DOUBLES 41x41 NON PERFORÉS – PS211 NP**

	 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	3	STRUT DBLE 41x41x2.00 NP 3M I2	<b>655010</b>	2.00	4.234

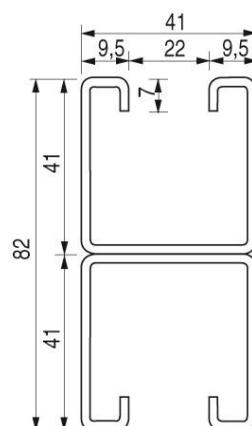
	 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3	STRUT DBLE 41x41x2.00 NP 3M I3	<b>656010</b>	2.00	4.200
	6	STRUT DBLE 41x41x2.00 NP 6M I3	<b>656035</b>	2.00	4.300



**STRUT DOUBLE 41x41 NON PERFORÉS – PS231 NP**

	 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I2</b>	3	STRUT DBLE 41x41x2.50 NP 3M I2	<b>655016</b>	2.50	4.940

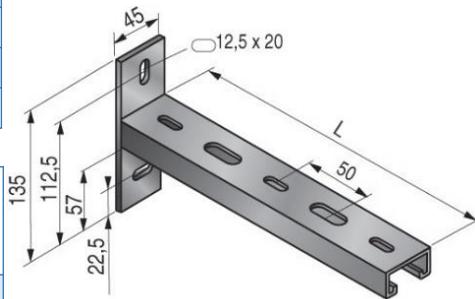
	 m	Désignation	Code	Ep. mm	Masse kg/ml
<b>I3</b>	3	STRUT DBLE 41x41x2.50 NP 3M I3	<b>656016</b>	2.50	4.940
	6	STRUT DBLE 41x41x2.50 NP 6M I3	<b>656014</b>	2.50	5.326



CONSOLES STRUT 41x21 – PS641

		Désignation	Code	H. mm	l. mm		Masse kg/p
	p					daN	
I2	1	CONSOLE STRUT 41x21 200 I2	<b>684142</b>	135	194	240	0.592
	1	CONSOLE STRUT 41x21 250 I2	<b>684143</b>	135	244	175	0.670
	1	CONSOLE STRUT 41x21 350 I2	<b>684145</b>	135	344	90	0.818
	1	CONSOLE STRUT 41x21 450 I2	<b>684147</b>	135	444	50	1.138

		Désignation	Code	H. mm	l. mm		Masse kg/p
	p					daN	
I3	1	CONSOLE STRUT 41x21 200 I3	<b>685142</b>	135	194	240	0.592
	10	CONSOLE STRUT 41x21 250 I3	<b>685143</b>	135	244	175	0.668
	10	CONSOLE STRUT 41x21 350 I3	<b>685145</b>	135	344	90	0.777
	1	CONSOLE STRUT 41x21 450 I3	<b>685147</b>	135	444	50	1.067



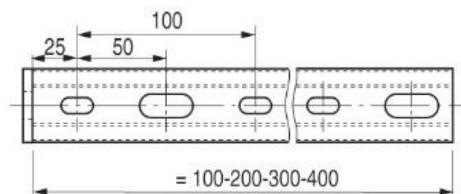
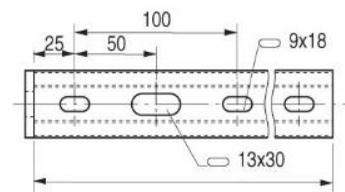
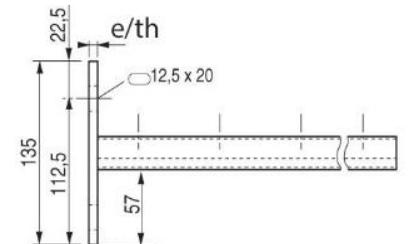
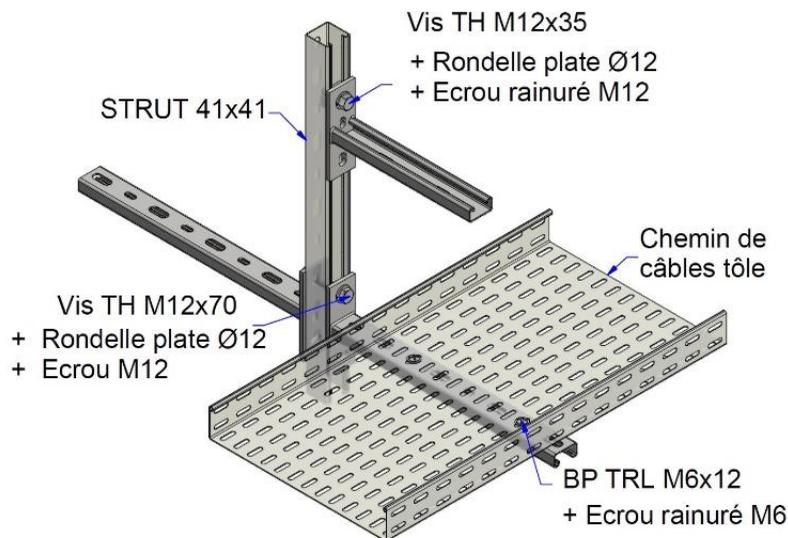
**Attention :**

- Pour longueurs finissant **par 00** : départ de perforation côté platine > **oblong 9x18**
- Pour longueurs finissant **par 50** : départ de perforation côté platine > **oblong 9x18 ou 13x30**

*e = 6 mm pour longueurs inférieures à 400 mm*

*e = 8 mm pour longueurs supérieures à 400 mm*

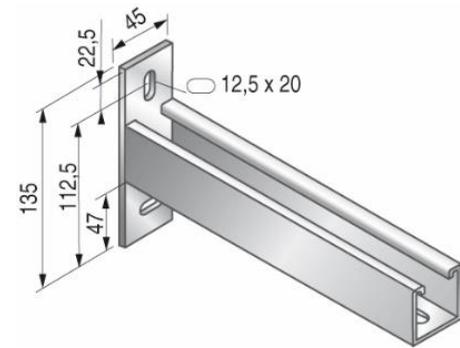
*l. mm : longueur utile de la console*



CONSOLES STRUT 41x41 – PS651

	Désignation	Code	l. mm		Masse kg/p
<b>I2</b>	1 CONSOLE STRUT 41x41 200 I2	<b>684073</b>	194	500	0.671
	1 CONSOLE STRUT 41x41 250 I2	<b>684122</b>	244	400	0.776
	1 CONSOLE STRUT 41x41 350 I2	<b>684072</b>	344	320	0.982
	1 CONSOLE STRUT 41x41 450 I2	<b>684092</b>	444	280	1.312
	1 CONSOLE STRUT 41x41 550 I2	<b>387308</b>	544	250	1.547
	1 CONSOLE STRUT 41x41 650 I2	<b>684070</b>	644	250	1.781

	Désignation	Code	l. mm		Masse kg/p
<b>I3</b>	10 CONSOLE STRUT 41x41 200 I3	<b>685073</b>	194	500	2.330
	1 CONSOLE STRUT 41x41 250 I3	<b>685122</b>	244	400	0.828
	10 CONSOLE STRUT 41x41 350 I3	<b>685072</b>	344	320	0.978
	10 CONSOLE STRUT 41x41 450 I3	<b>685092</b>	444	280	1.498
	10 CONSOLE STRUT 41x41 550 I3	<b>685126</b>	544	250	1.692
	10 CONSOLE STRUT 41x41 650 I3	<b>685070</b>	644	250	2.034



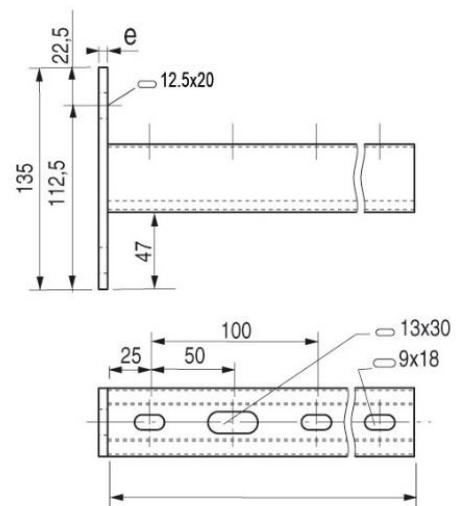
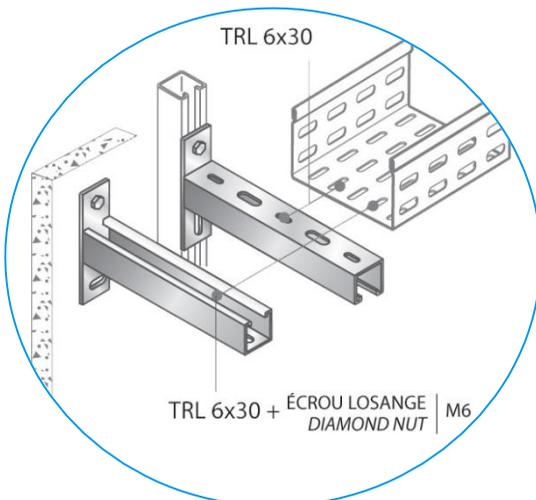
**Attention :**

- Pour longueurs finissant **par 00** : départ de perforation côté platine > **oblong 9x18**
- Pour longueurs finissant **par 50** : départ de perforation côté platine > **oblong 9x18 ou 13x30**

*e = 6 mm pour longueurs inférieures à 400 mm*

*e = 8 mm pour longueurs supérieures à 400 mm*

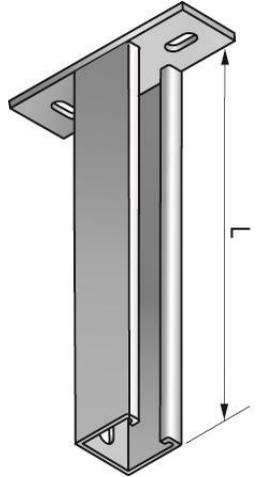
*l. mm : longueur utile de la console*



PENDARDS STRUT 41x41 – PS651

	 p	Désignation	Code	L. mm	 m.daN	Masse kg/p
<b>I2</b>	1	PENDARD STRUT 41x41/1000 I2	<b>684432</b>	994	95	2.834

	 p	Désignation	Code	L. mm	 m.daN	Masse kg/p
<b>I3</b>	1	PENDARD STRUT 41x41/1000 I3	<b>685432</b>	994	95	2.834
	1	PENDARD STRUT 41x41/1500 I3	<b>685380</b>	1494	95	3.944

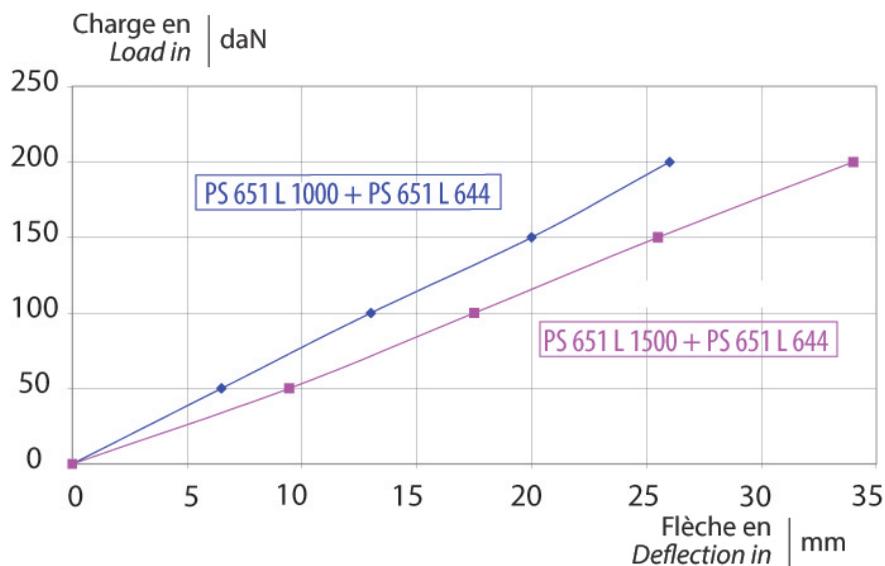
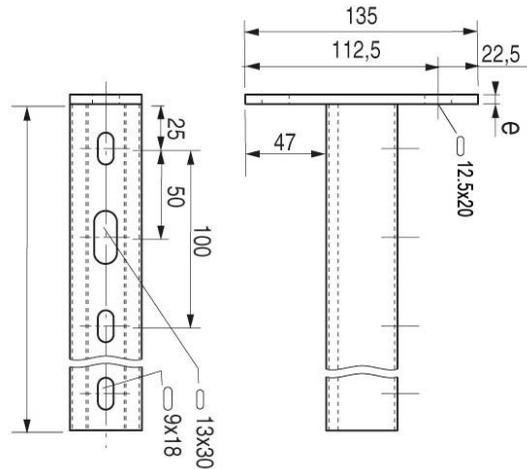


**Attention :**

- Pour longueurs finissant **par 00** : départ de perforation côté platine > **oblong 9x18**
- Pour longueurs finissant **par 50** : départ de perforation côté platine > **oblong 9x18 ou 13x30**

*e = 8 mm pour longueurs supérieures à 400 mm*

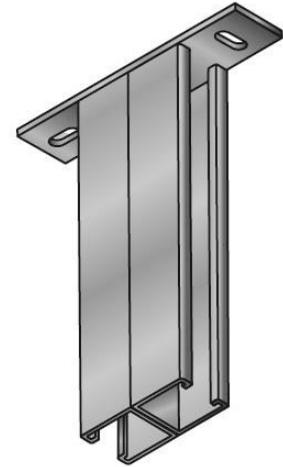
*l. mm : longueur utile du pendard*



PENDARDS STRUT DOUBLE 41x82 – PS809

p	Désignation	Code	m.daN	Masse kg/p
I2	1 PENDARD STRUT DBL41x82 350 I2	684128	180	2.320
	1 PENDARD STRUT DBL41x82 650 I2	684130	180	3.920
	1 PENDARD STRUT DBL41x82 800 I2	684131	180	4.720
	1 PENDARD STRUT DBL41x82 950 I2	684132	180	5.520

p	Désignation	Code	m.daN	Masse kg/p
I3	1 PENDARD STRUT DBL41x82 350 I3	685128	180	2.320
	1 PENDARD STRUT DBL41x82 500 I3	685129	180	3.120
	1 PENDARD STRUT DBL41x82 650 I3	685130	180	3.920
	1 PENDARD STRUT DBL41x82 800 I3	685131	180	4.720
	1 PENDARD STRUT DBL41x82 950 I3	685132	180	5.520
	1 PENDARD STRUT DBL41x82 1500 I3	685376	180	8.500
	1 PENDARD STRUT DBL41x82 2000 I3	685405	180	11.150

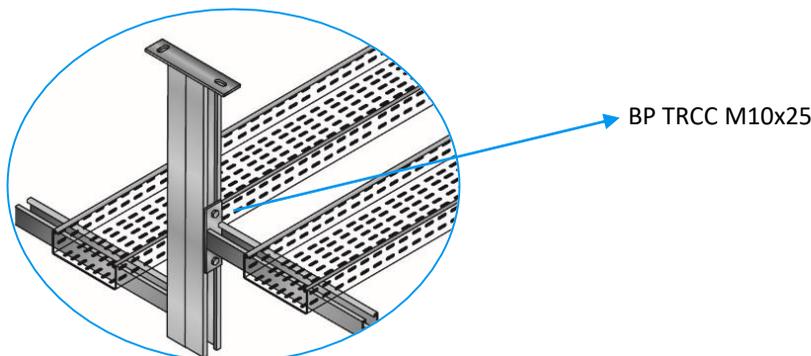
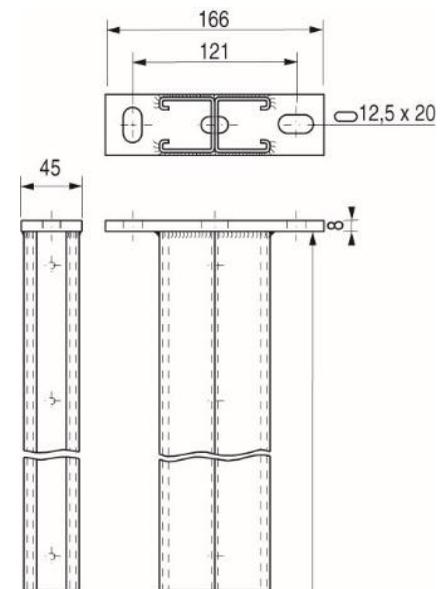
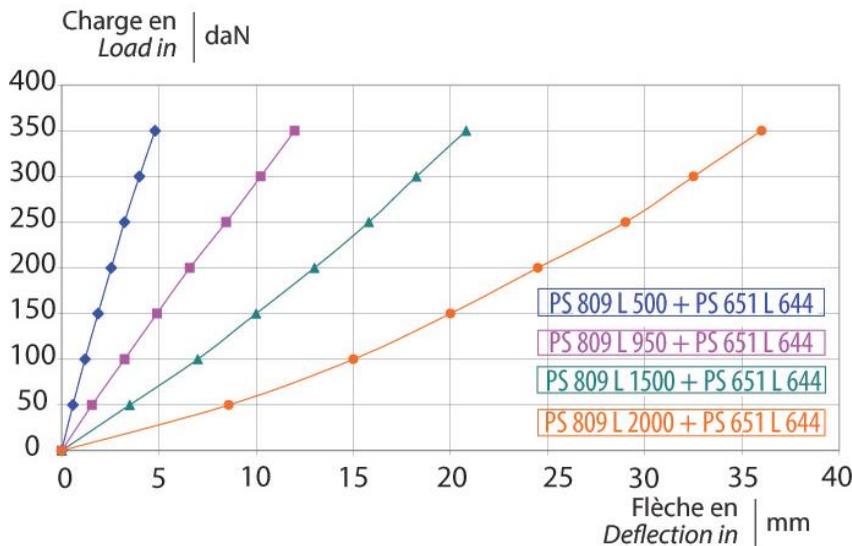


**Attention :**

- Pour longueurs finissant **par 00** : départ de perforation côté platine > **oblong 9x18**
- Pour longueurs finissant **par 50** : départ de perforation côté platine > **oblong 9x18 ou 13x30**

$e = 8 \text{ mm}$  pour longueurs supérieures à 400 mm

$l$ . mm : longueur utile du pendard



**RAIDISSEUR STRUT RÉVERSIBLE**

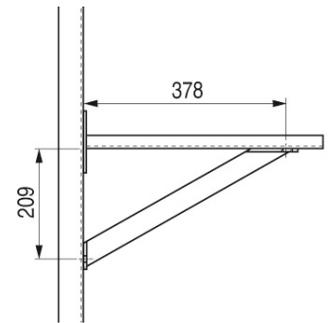
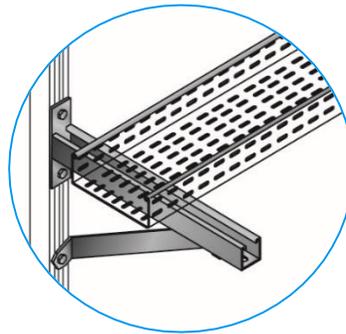
	 p	Désignation	Code	Ep. mm	Masse kg/p
<b>I2</b>	1	RAIDISSEUR STRUT 41 I2	<b>684125</b>	5.00	0.891

	 p	Désignation	Code	Ep. mm	Masse kg/p
<b>I3</b>	1	RAIDISSEUR STRUT 41 I3	<b>685125</b>	5.00	0.891



**Charge par longueur de console :**

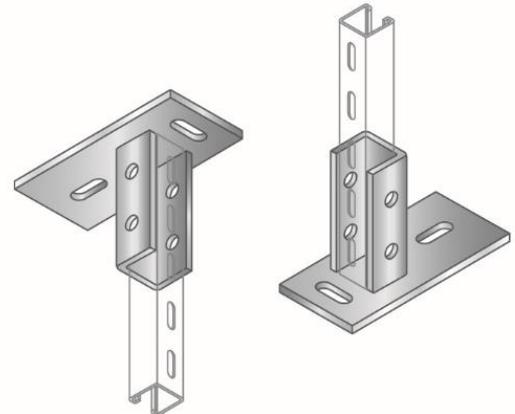
- 444 mm > 450 daN
- 544 mm > 350 daN
- 644 mm > 350 daN



**PLAQUE DE TÊTE STRUT 41 – PS 3033**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	1	PLAQUE DE TETE STRUT 41 I2	<b>684063</b>	1.200

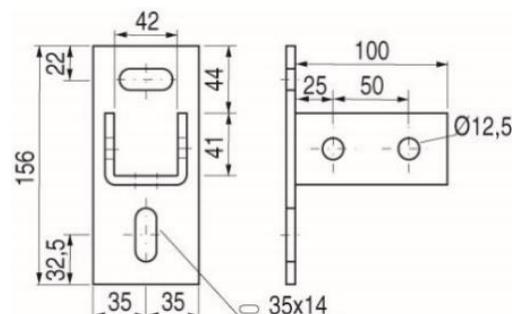
	 p	Désignation	Code	Masse kg/p
<b>I3</b>	10	PLAQUE DE TETE STRUT 41 I3	<b>685063</b>	1.070



- **Montage :** vis TH M12x35 + rondelle plate Ø 12mm + écrou rainuré M12
- Préconisation en charge dissymétrique : montage avec **raidisseur réversible STRUT 41**
- Longueur maxi 1m, au-delà, nous consulter

Pour une utilisation en Pendard avec rail STRUT 41

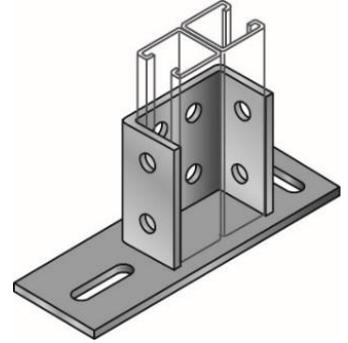
	Couple de serrage vis H12 avec écrou ressort M12	Charge maxi daN
<b>684063</b>	34 N.m	350
<b>685063</b>	34 N.m	350



PLAQUE DE TÊTE STRUT DOUBLE 41 – PS 3064

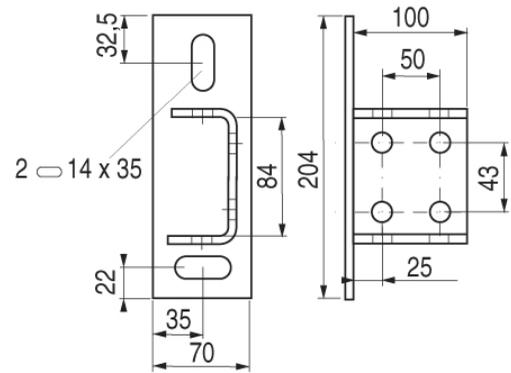
	 p	Désignation	Code	Masse kg/p
I2	1	PDT STRUT DBLE 41x41 I2	684064	1.620

	 p	Désignation	Code	Masse kg/p
I3	10	PDT STRUT DBLE 41x41 I3	685064	1.402



- **Montage** : 1 vis TH M12x35 + rondelle plate  $\varnothing$  12 mm + écrou ressort M12
- En **montage pendard** avec rail double STRUT 41 : charge maxi = **500 daN**
- **Couple de serrage** des vis H12 avec écrou losange ressort M12 = **34 N.m**
- Préconisation en charge dissymétrique : montage d'un **raidisseur réversible STRUT 41**

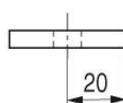
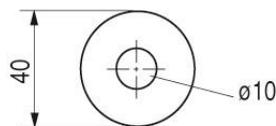
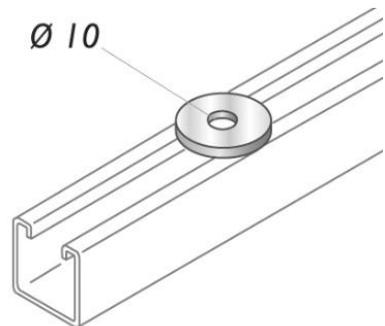
Pour une utilisation en Pendard avec rail STRUT 41		
	Couple de serrage vis H12 avec écrou ressort M12	Charge maxi daN
684064	34 N.m	500
685064	34 N.m	500



RONDELLES PLATES 10 STRUT 41 – PS 610

	 p	Désignation	Code	Masse kg/p
I2	1	RONDELLE PLE 10 STRUT41 I2	649138	0.025

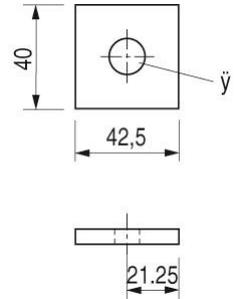
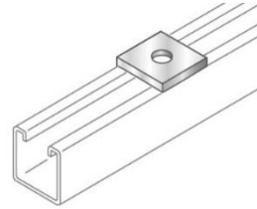
	 p	Désignation	Code	Masse kg/p
I3	100	RONDELLE PLE 10 STRUT41 I3	529138	0.025



**CARRÉS STRUT 41 – PS 621**

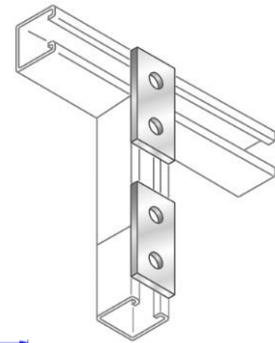
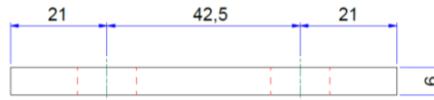
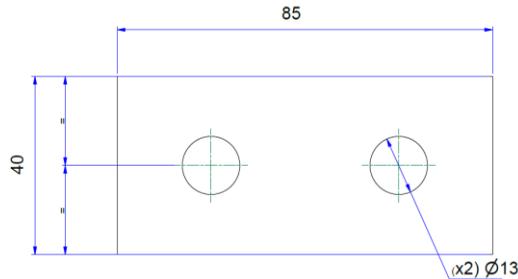
 p	Désignation	Code	Masse kg/p
<b>I2</b> 1	CARRE STRUT41 M8 I2	<b>684134</b>	0.070
1	CARRE STRUT41 M10 I2	<b>684301</b>	0.072
1	CARRE STRUT41 M12 I2	<b>202907</b>	0.070

 p	Désignation	Code	Masse kg/p
<b>I3</b> 100	CARRE STRUT41 M8 I3	<b>685134</b>	0.072
100	CARRE STRUT41 M10 I3	<b>685301</b>	0.072
1	CARRE STRUT41 M12 I3	<b>685300</b>	0.070



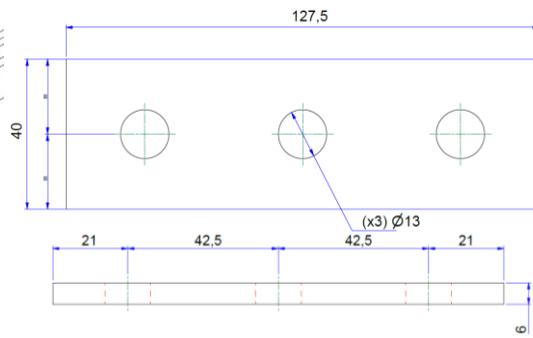
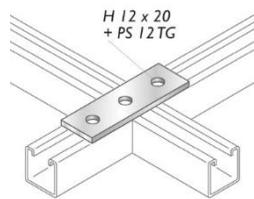
**RECTANGLE STRUT 41 – 2 TROUS – PS 601**

 p	Désignation	Code	Masse kg/p
<b>I3</b> 1	RECTANGLE 2T STRUT41 I3	<b>685002</b>	0.150



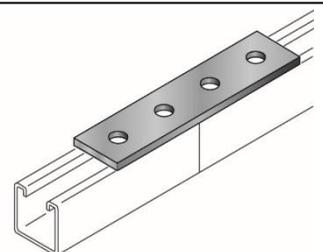
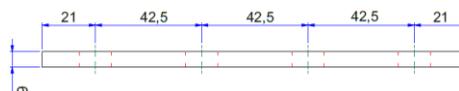
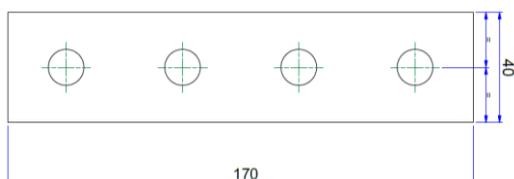
**RECTANGLE STRUT 41 – 3 TROUS – PS 602**

 p	Désignation	Code	Masse kg/p
<b>I3</b> 10	RECTANGLE 3T STRUT41 I3	<b>685001</b>	0.240



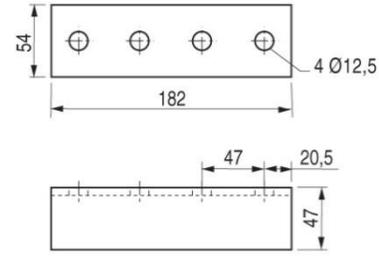
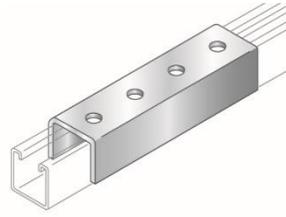
**RECTANGLE STRUT 41 – 4 TROUS – PS 723**

 p	Désignation	Code	Masse kg/p
<b>I3</b> 25	RECTANGLE 4T STRUT41 I3	<b>685003</b>	0.301



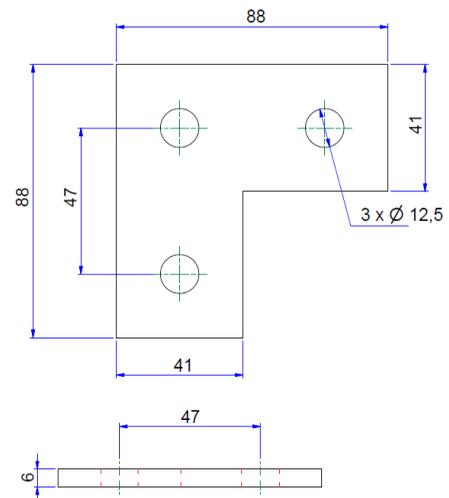
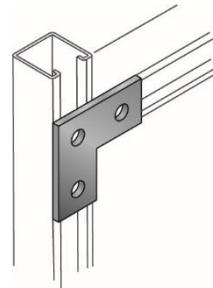
**ÉCLISSE STRUT 41x41 – PS 616**

		Désignation	Code	Masse kg/p
<b>I3</b>	10	ECLISSE STRUT 41x41 I3	<b>685051</b>	1.080



**ÉQUERRE PLATE 3 TROUS STRUT 41 – PS 718**

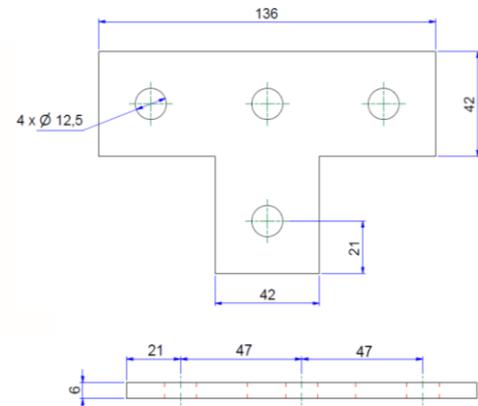
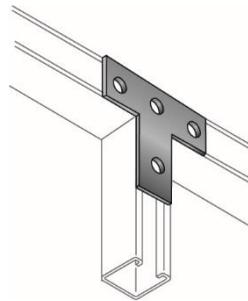
		Désignation	Code	Masse kg/p
<b>I2</b>	1	EQUERRE PLE 3T STRUT41 I2	<b>684021</b>	0.250



		Désignation	Code	Masse kg/p
<b>I3</b>	25	EQUERRE PLE 3T STRUT41 I3	<b>685021</b>	0.250

**TÉ PLAT STRUT 41 – 4 TROUS – PS 714**

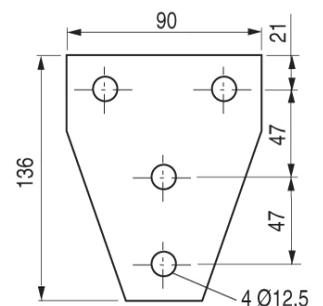
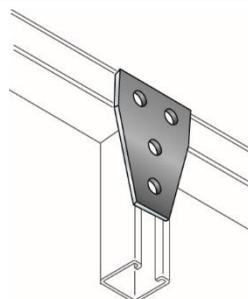
		Désignation	Code	Masse kg/p
<b>I2</b>	1	TE PL 4T STRUT41 I2	<b>202015</b>	0.340



		Désignation	Code	Masse kg/p
<b>I3</b>	25	TE PL 4T STRUT41 I3	<b>685023</b>	0.343

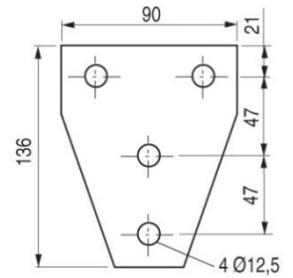
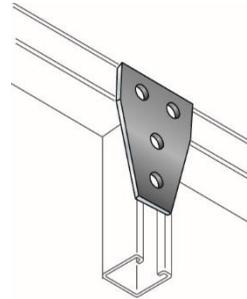
**GOUSSET T 180 STRUT 41 – 4TROUS – PS 747**

		Désignation	Code	Masse kg/p
<b>I3</b>	1	GOUSSET T 180 4T STRUT41 I3	<b>685024</b>	0.430



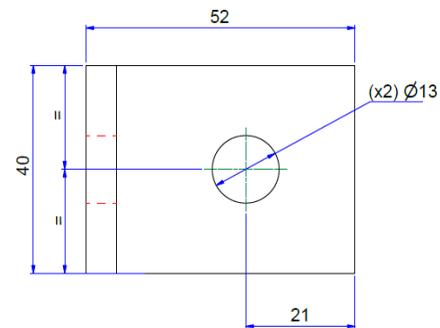
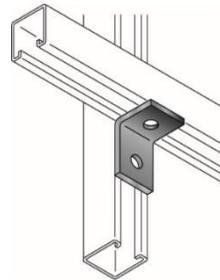
**GOUSSET CORNIÈRE STRUT 41 – 4 TROUS – PS 748**

		Désignation	Code	Masse kg/p
<b>I3</b>	1	GOUSSET CORN 4T STRUT41 I3	<b>685043</b>	0.445

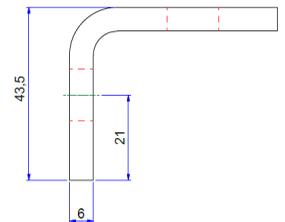


**ÉQUERRE 90 STRUT 41 – 2 TROUS – PS 604**

		Désignation	Code	Masse kg/p
<b>I2</b>	1	EQUERRE 90 2T STRUT41 I2	<b>202016</b>	0.160

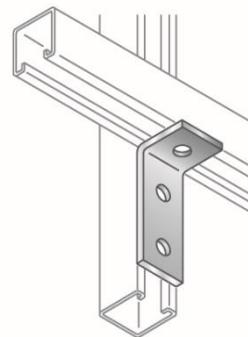


		Désignation	Code	Masse kg/p
<b>I3</b>	25	EQUERRE 90 2T STRUT41 I3	<b>685032</b>	0.150

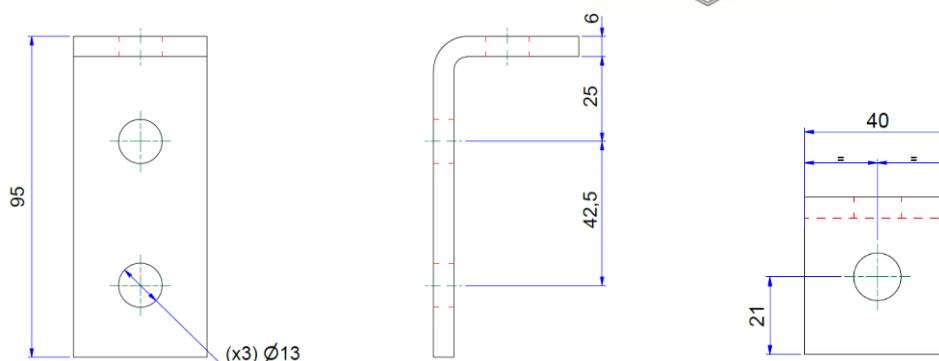


**ÉQUERRE 90 STRUT 41 – 3 TROUS – PS 606**

		Désignation	Code	Masse kg/p
<b>I2</b>	1	EQUERRE 90 3T STRUT41 I2	<b>202017</b>	0.250



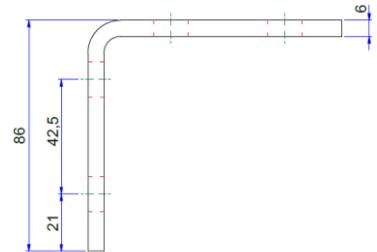
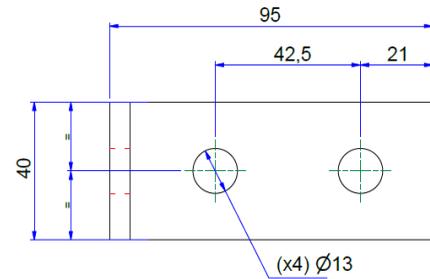
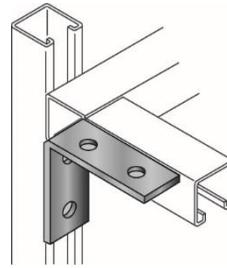
		Désignation	Code	Masse kg/p
<b>I3</b>	25	EQUERRE 90 3T STRUT41 I3	<b>685035</b>	0.250



### ÉQUERRE 90 STRUT 41 – 4 TROUS – PS 607

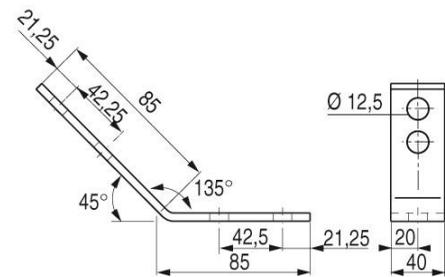
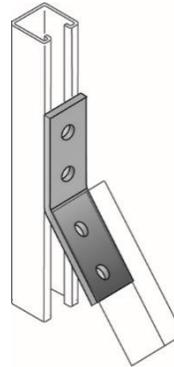
		Désignation	Code	Masse kg/p
<b>I2</b>	1	EQUERRE 90 4T STRUT41 I2	<b>202018</b>	0.330

		Désignation	Code	Masse kg/p
<b>I3</b>	25	EQUERRE 90 4T STRUT41 I3	<b>685037</b>	0.301



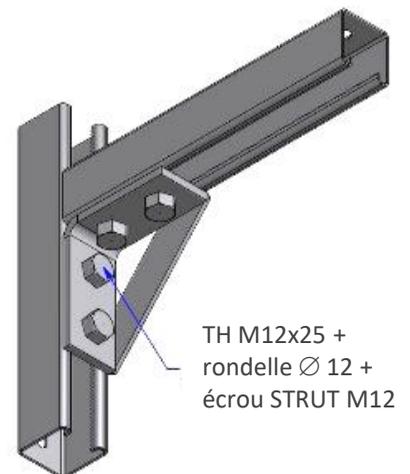
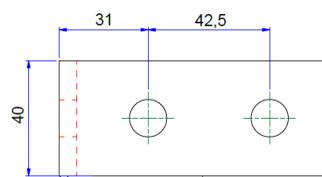
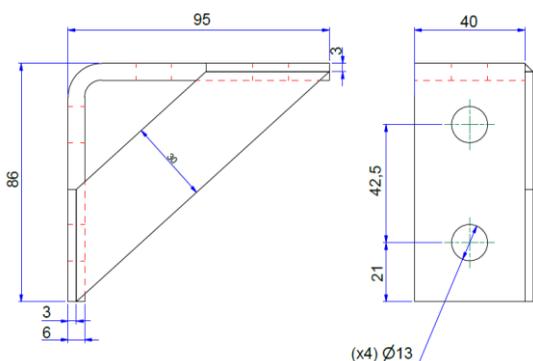
### ÉQUERRE 135 STRUT 41 – 4 TROUS – PS 786

		Désignation	Code	Masse kg/p
<b>I3</b>	1	EQUERRE 135D 4T STRUT41 I3	<b>685203</b>	0.310



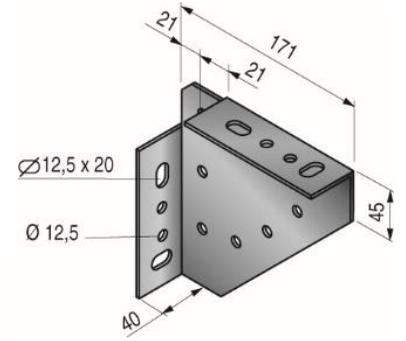
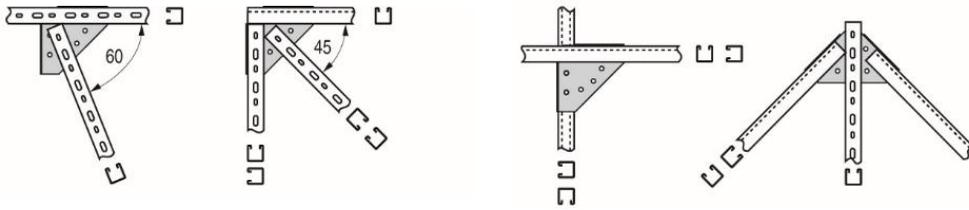
### ÉQUERRE RENFORCÉE STRUT 41 – 4 TROUS – PS 3363

		Désignation	Code	Masse kg/p
<b>I3</b>	25	EQUERRE RENF 4T STRUT41 I3	<b>685136</b>	0.387



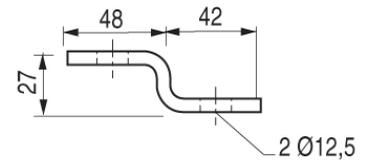
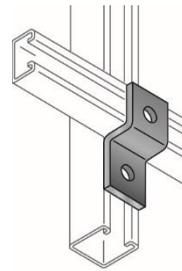
**ÉQUERRE UNIVERSELLE STRUT 41 – PS 608**

		Désignation	Code	Masse kg/p
<b>I3</b>	1	EQUERRE UNIVERSELLE STRUT 41 I3	<b>685101</b>	1.130



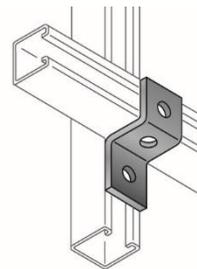
**ÉQUERRE Z STRUT 41x21 – PS 928**

		Désignation	Code	Masse kg/p
<b>I3</b>	1	EQUERRE Z STRUT41x21 I3	<b>685150</b>	0.190

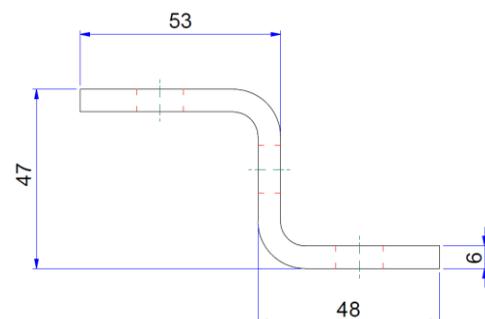
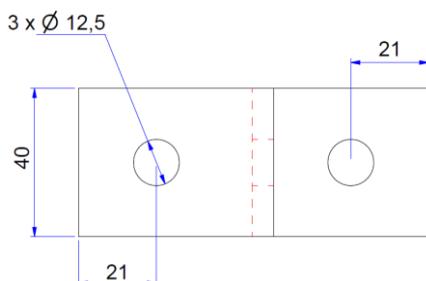


**ÉQUERRE Z STRUT 41x41 – PS 611**

		Désignation	Code	Masse kg/p
<b>I2</b>	1	EQUERRE Z STRUT41x41 I3	<b>684027</b>	0.230

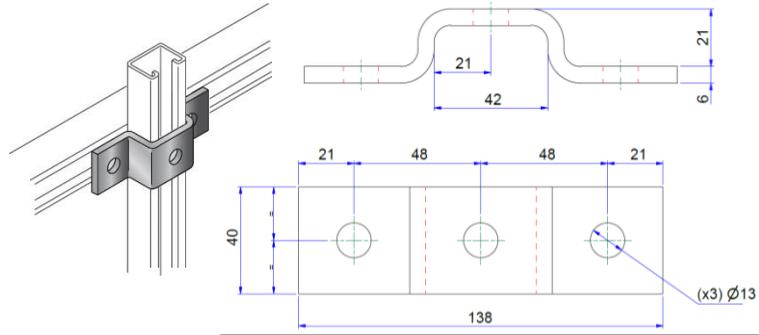


		Désignation	Code	Masse kg/p
<b>I3</b>	1	EQUERRE Z STRUT41x41 I3	<b>685027</b>	0.230



**OMEGA STRUT 41x21 – PS 929**

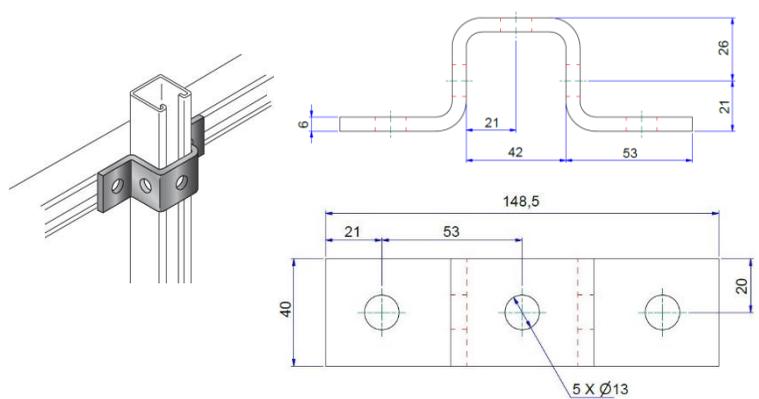
	 p	Désignation	Code	Masse kg/p
<b>I3</b>	25	OMEGA STRUT41x21 I3	<b>685149</b>	0.360



**OMEGA STRUT 41x41 – PS 613**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	1	OMEGA STRUT41x41 I2	<b>684046</b>	0.383

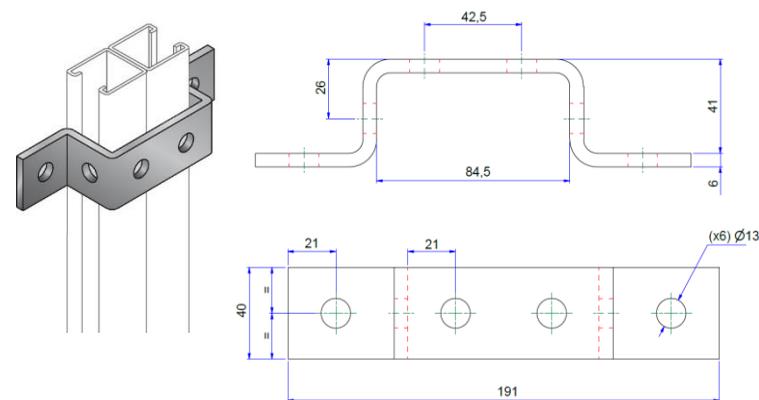
	 p	Désignation	Code	Masse kg/p
<b>I3</b>	1	OMEGA STRUT41x41 I3	<b>685046</b>	0.383



**OMEGA STRUT DOUBLE 41x41 – PS 721**

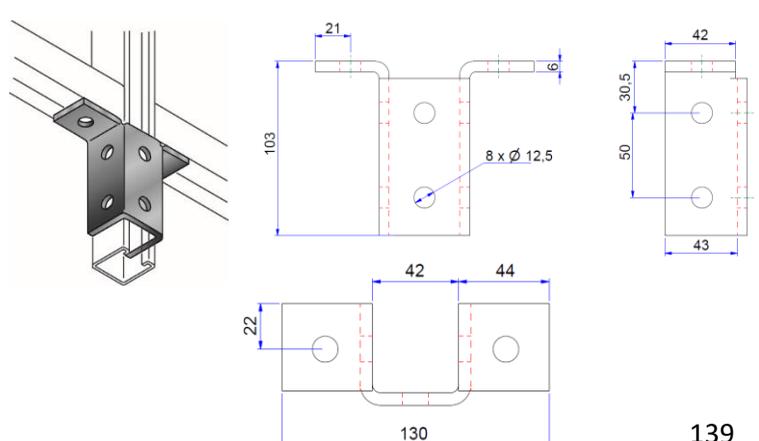
	 p	Désignation	Code	Masse kg/p
<b>I2</b>	1	OMEGA STRUT DBLE 41x41 I2	<b>684048</b>	0.430

	 p	Désignation	Code	Masse kg/p
<b>I3</b>	1	OMEGA STRUT DBLE 41x41 I3	<b>685048</b>	0.430



**RACCORD 2 DIRECTIONS STRUT 41 – PS 821**

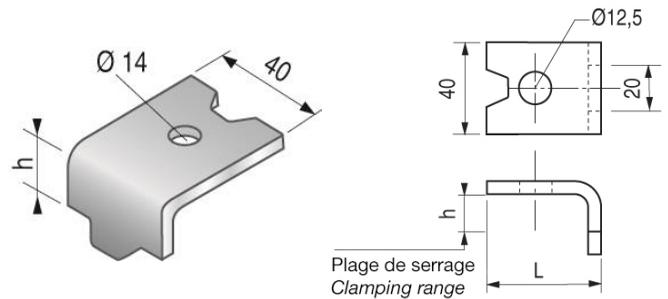
	 p	Désignation	Code	Masse kg/p
<b>I3</b>	10	RACCORD 2D STRUT41 I3	<b>685061</b>	0.700



**CRAPAUDS ET FIXATIONS IPN**

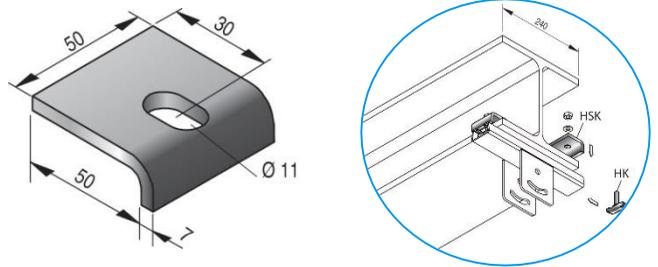
**CRAPAUDS STRUT 41**

 p	Désignation	Code	Masse kg/p
<b>I3</b> 25	CRAPAUD STRUT41 H5-15 I3	<b>685082</b>	0.110
25	CRAPAUD STRUT41 H15-25 I3	<b>685378</b>	0.140
25	CRAPAUD STRUT41 H25-35 I3	<b>685238</b>	0.190



**CRAPAUDS HSK**

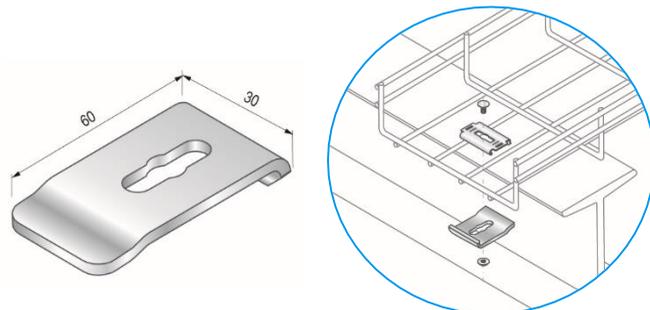
 p	Désignation	Code	Masse kg/p
<b>I3</b> 10	HSK.10 I3	<b>707319</b>	0.119
10	HSK.15 I3	<b>707320</b>	0.131
10	HSK.20 I3	<b>707321</b>	0.143
10	HSK.25 I3	<b>707322</b>	0.240



**CLAMES SL**

 p	Désignation	Code	Masse kg/p
<b>I2</b> 100	CLAME SL I2	<b>581995</b>	0.042

 p	Désignation	Code	Masse kg/p
<b>I3</b> 100	CLAME SL I3	<b>582995</b>	0.042



# BOULONNERIE



**BOULONS POËLIERS TRCC + HE**

 p	Désignation	Code	Masse kg/100
<b>I2</b> 100	BP TRCC M6x12 HE A2/304	<b>030471</b>	0.800
100	BP TRCC M6x15 HE A2/304	<b>030472</b>	0.900
100	BP TRCC M6x20 HE A2/304	<b>030473</b>	0.900
100	BP TRCC M6x30 HE A2/304	<b>649132</b>	0.011
100	BP TRCC M8x18 HE A2/304	<b>040090</b>	1.800



 p	Désignation	Code	Masse kg/100
<b>I3</b> 100	BP TRCC M6x12 HE A4/316	<b>529001</b>	0.800
100	BP TRCC M6x15 HE A4/316	<b>529002</b>	0.900
100	BP TRCC M6x20 HE A4/316	<b>529003</b>	0.900
100	BP TRCC M6x30 HE A4/316	<b>529132</b>	0.011
100	BP TRCC M8x18 HE A4/316	<b>529004</b>	1.400

- Boulons poêliers à embase carrée et écrou à embase crantée (classe 4.8)

**BOULONS POËLIERS TRL + HE**

 p	Désignation	Code	Masse kg/100
<b>I2</b> 100	BP TRL M6x12 HE A2/304	<b>030474</b>	0.800
100	BP TRL M6x15 HE A2/304	<b>030475</b>	0.900
1	BP TRL M6x16 HE A2/304	<b>649016</b>	0.006
100	BP TRL M6x20 HE A2/304	<b>030476</b>	0.900
100	BP TRL M6x30 HE A2/304	<b>030477</b>	1.100
100	BP TRL M6x50 HE A2/304	<b>030496</b>	1.400



 p	Désignation	Code	Masse kg/100
<b>I3</b> 100	BP TRL M6x12 HE A4/316	<b>320617</b>	0.900
100	BP TRL M6x15 HE A4/316	<b>529147</b>	0.900
100	BP TRL M6x20 HE A4/316	<b>529107</b>	1.000
100	BP TRL M6x30 HE A4/316	<b>529108</b>	1.100
100	BP TRL M6x50 HE A4/316	<b>529153</b>	1.700

- Boulons poêliers à tête ronde, large, fendue et écrou à embase crantée (classe 4.8)

**VIS TRL**

	 p	Désignation	Code	Masse kg/100
<b>I3</b>	100	VIS TRL M6x12 A4/316	<b>529066</b>	0.400


**BOULON TH + HE**

	 p	Désignation	Code	Masse kg/p
<b>I3</b>	1	BOULON TH M8x15 HE A4/316	<b>529007</b>	0.019

- Boulons à tête hexagonale et écrou à embase crantée (classe 4.8)


**VIS TH**

	 p	Désignation	Code	Masse kg/100
<b>I2</b>	100	VIS TH M8x15 A2/304	<b>040096</b>	1.100
	100	VIS TH M8x20 A2/304	<b>030486</b>	1.200
	1	VIS TH M8x25 A2/304	<b>649078</b>	1.500
	1	VIS TH M10x20 A2/304	<b>649046</b>	2.000
	1	VIS TH M10x50 A2/304	<b>649071</b>	3.800
	100	VIS TH M12x25 A2/304	<b>040097</b>	4.000

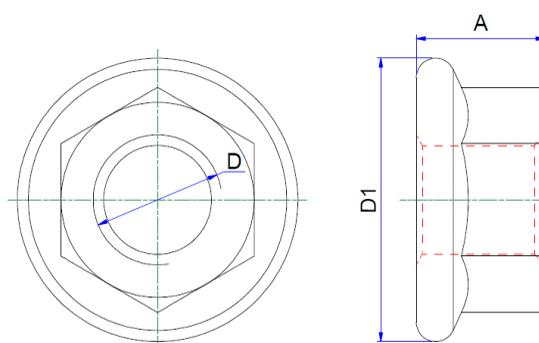
	 p	Désignation	Code	Masse kg/100
<b>I3</b>	100	VIS TH M8x15 A4/316	<b>529018</b>	1.100
	100	VIS TH M8x20 A4/316	<b>529120</b>	1.200
	1	VIS TH M8x25 A4/316	<b>529101</b>	1.500
	100	VIS TH M8x50 A4/316	<b>221492</b>	2.100
	1	VIS TH M10x20 A4/316	<b>529046</b>	2.100
	100	VIS TH M10x25 A4/316	<b>529048</b>	2.500
	100	VIS TH M10x50 A4/316	<b>529071</b>	3.800
	100	VIS TH M12x25 A4/316	<b>529021</b>	3.600
	100	VIS TH M12x35 A4/316	<b>529150</b>	2.600
	100	VIS TH M12x50 A4/316	<b>529047</b>	2.600



## ÉCROUS HE

	 p	Désignation	Code	Masse kg/100
<b>I2</b>	100	HE M6 A2/304	<b>030413</b>	0.300
	100	HE M8 A2/304	<b>040047</b>	0.600
	100	HE M12 A2/304	<b>040112</b>	1.700

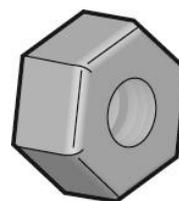
	 p	Désignation	Code	Masse kg/100
<b>I3</b>	100	HE M6 A4/316	<b>529064</b>	0.600
	100	HE M8 A4/316	<b>529065</b>	0.600
	100	HE M10 A4/316	<b>529081</b>	0.900
	100	HE M12 A4/316	<b>529139</b>	1.500



## ÉCROUS HU

	 p	Désignation	Code	Masse kg/100
<b>I2</b>	100	HU M10 A2/304	<b>040055</b>	1.200
	100	HU M12 A2/304	<b>040099</b>	1.700

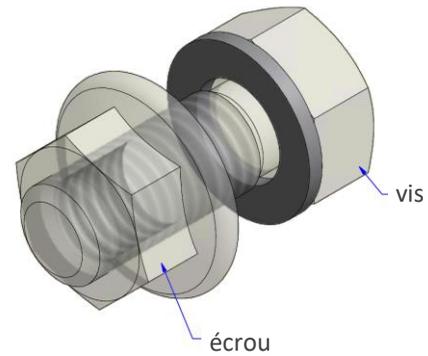
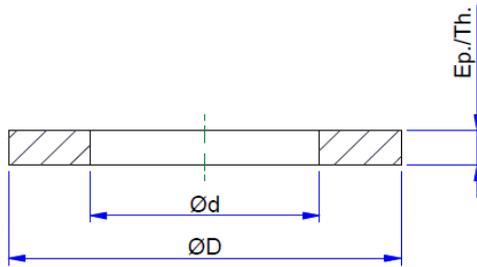
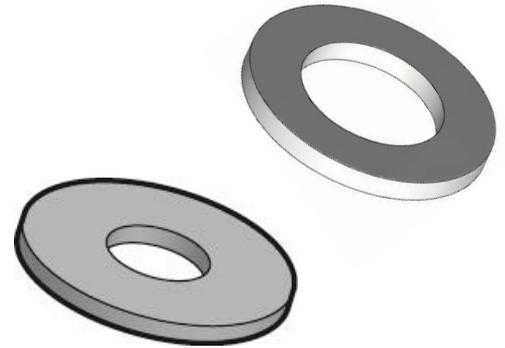
	 p	Désignation	Code	Masse kg/100
<b>I3</b>	100	HU M10 A4/316	<b>529058</b>	1.200
	100	HU M12 A4/316	<b>529022</b>	1.500



RONDELLES L & LL

p	Désignation	Code	Ød mm	ØD mm	Ep. mm	Masse kg/100
<b>I2</b>	1 L Ø8 A2/304	<b>649020</b>	8,4	24	2.00	0.700
	100 L Ø10 A2/304	<b>649034</b>	10,5	30	2.50	1.200
	100 L Ø12 A2/304	<b>649023</b>	13,0	37	3.00	1.700

p	Désignation	Code	Ød mm	ØD mm	Ep. mm	Masse kg/100
<b>I3</b>	100 L Ø6 A4/316	<b>529024</b>	6,4	18	1.60	0.500
	100 L Ø8 A4/316	<b>529020</b>	8,4	24	2.00	0.700
	100 L Ø10 A4/316	<b>529034</b>	10,5	30	2.50	1.200
	100 L Ø12 A4/316	<b>529023</b>	13,0	37	3.00	1.700
	100 LL Ø6 A4/316	<b>529300</b>	6,4	22	2.00	0.400
	100 LL Ø8 A4/316	<b>529301</b>	8,4	28	3.00	0.400



RONDELLES AZ

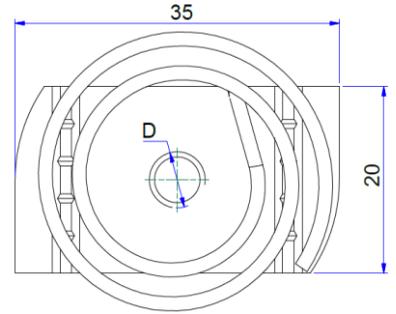
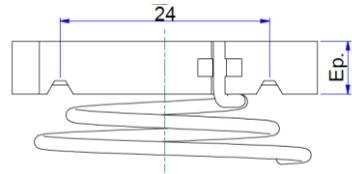
p	Désignation	Code	Masse kg/p
<b>I2</b>	1 AZ Ø6 A2/304	<b>221483</b>	0.001
	1 AZ Ø8 A2/304	<b>649033</b>	0.001
	1 AZ Ø10 A2/304	<b>649030</b>	0.001
	1 AZ Ø12 A2/304	<b>221427</b>	0.002

p	Désignation	Code	Masse kg/p
<b>I3</b>	100 AZ Ø6 A4/316	<b>529029</b>	0.001
	1 AZ Ø8 A4/316	<b>529033</b>	0.001
	1 AZ Ø10 A4/316	<b>529030</b>	0.001
	100 AZ 12 A4/316	<b>529014</b>	0.002



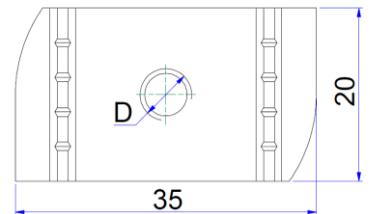
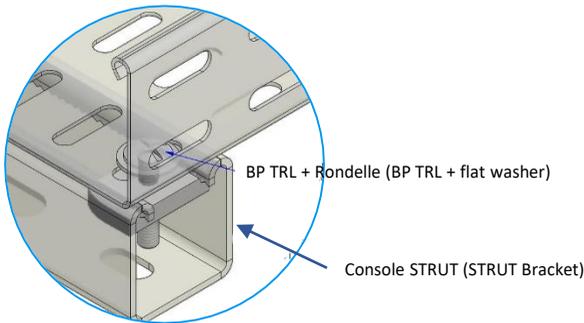
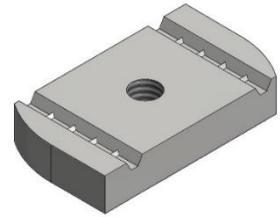
### ÉCROUS RESSORT STRUT 41

		Désignation	Code	Masse kg/100
<b>I3</b>	100	ECROU RESSORT M6 STRUT A4/316	<b>529025</b>	2.900
	100	ECROU RESSORT M8 STRUT A4/316	<b>529031</b>	2.800
	100	ECROU RESSORT M10 STRUT A4/316	<b>529027</b>	6.600
	100	ECROU RESSORT M12 STRUT A4/316	<b>529013</b>	4.100



### ÉCROUS RAINURÉS STRUT 41

		Désignation	Code	Masse kg/100
<b>I3</b>	100	ECROU RAINURE M6 STRUT A4/316	<b>529035</b>	3.000
	100	ECROU RAINURE M8 STRUT A4/316	<b>529037</b>	3.200
	100	ECROU RAINURE M10 STRUT A4/316	<b>529038</b>	4.500
	100	ECROU RAINURE M12 STRUT A4/316	<b>529039</b>	4.300



### TIGES FILETÉES

		Désignation	Code	Masse kg/p
<b>I2</b>	10	TF M6 1M A2/304	<b>223200</b>	0.180
	10	TF M8 1M A2/304	<b>223151</b>	0.310
	10	TF M10 1M A2/304	<b>040100</b>	0.500
	10	TF M12 1M A2/304	<b>223253</b>	0.700

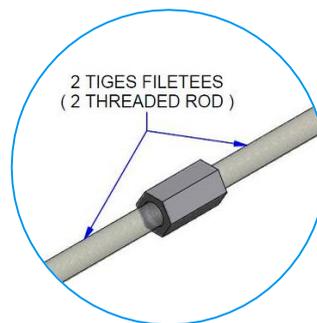
		Désignation	Code	Masse kg/p
<b>I3</b>	10	TF M6 1M A4/316	<b>223100</b>	0.180
	10	TF M8 1M A4/316	<b>646003</b>	0.336
	10	TF M10 1M A4/316	<b>646018</b>	0.500
	10	TF M12 1M A4/316	<b>223153</b>	0.700



**MANCHONS**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	1	MANCHON TF M8 A2/304	<b>645004</b>	0.004
	1	MANCHON TF M6 A2/304	<b>645012</b>	0.004

	 p	Désignation	Code	Masse kg/p
<b>I3</b>	100	MANCHON TF M12 A4/316	<b>646023</b>	0.005
	100	MANCHON TF M10 A4/316	<b>646022</b>	0.009
	1	MANCHON TF M8 A4/316	<b>646004</b>	0.005
	100	MANCHON TF M6 A4/316	<b>646012</b>	0.004



**GOUPILLES EZ**

	 p	Désignation	Code	Masse kg/p
<b>I2</b>	100	V7x80 A2/304	<b>810296</b>	0.09
	1	V8x90 A2/304	<b>223051</b>	0.035

	p	Désignation	Code	Masse kg/p
<b>I3</b>	50	V7x80 A4/316	<b>646001</b>	0.012
	50	V8x90 A4/316	<b>646002</b>	0.016



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