NIEDAX France

www.niedaxfrance.fr

SYSTÈMES DE CHEMINS DE CÂBLES INOX

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

NIEDAX GROUP

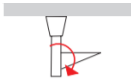
MATÉRIAUX, REVÊTEMENTS & CERTIFICATIONS

MATÉRIAUX ET REVÊTEMENTS

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

PICTOGRAMMES

	Conditionnement

	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 pendard charge symétrique
	Flèche en mm – Pendard charge dissymétrique
	Charge uniformément répartie - Balancelle
	Charge ponctuelle centrée Balancelle

DES MARQUES ENGAGEES ET CERTIFIEES

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 1er 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/dm3) : 7,9
- **Caractéristiques mécaniques à l'état de livraison**
  A l'état recuit

Présentation	R N/mm²	R 0,002 N/mm² 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 intercristalline 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/dm3) : 7,95
- **Caractéristiques mécaniques à l'état de livraison**
  A l'état recuit

Présentation	R N/mm²	R 0,002 N/mm² 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**

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.

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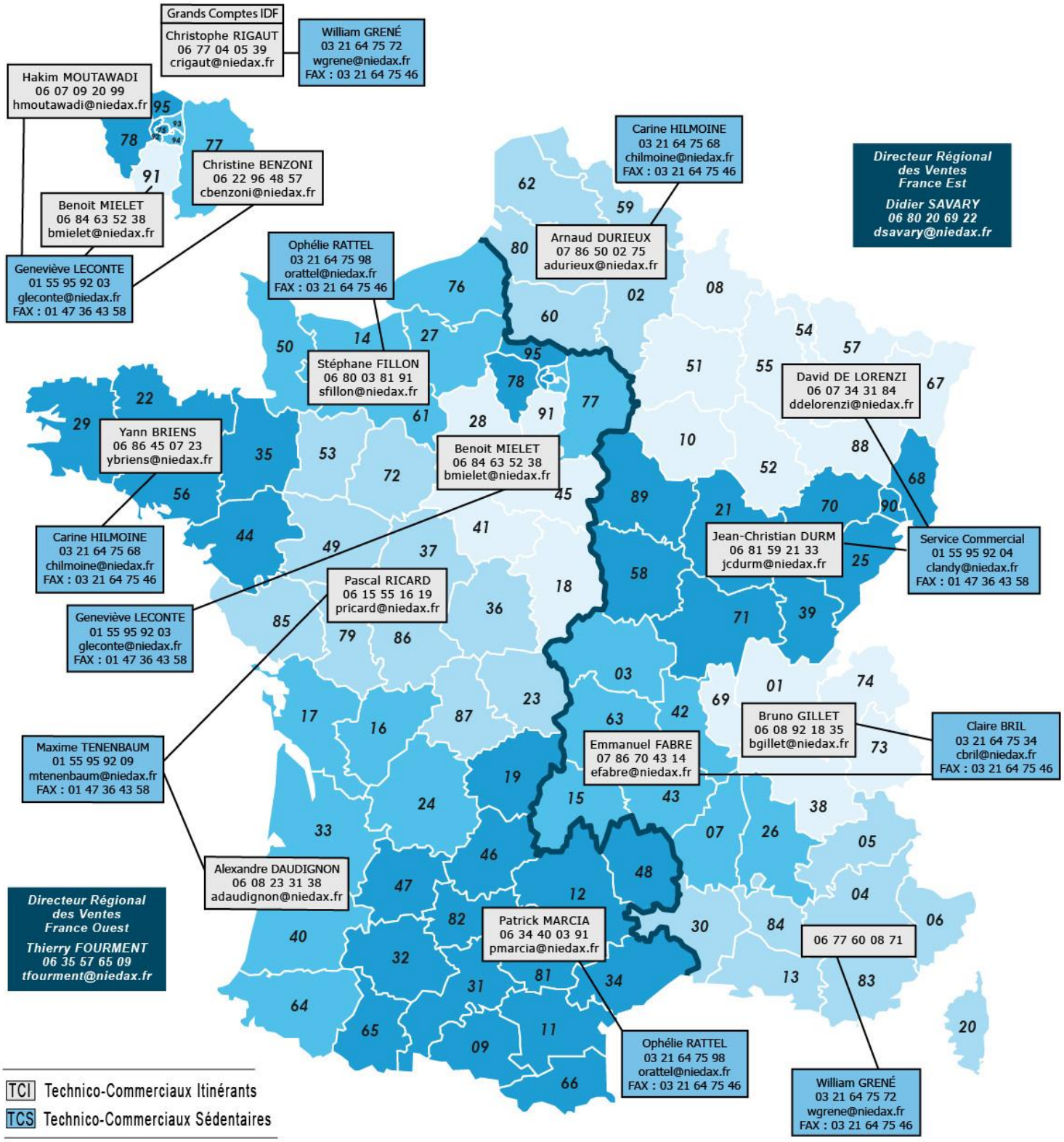
VOS CONTACTS



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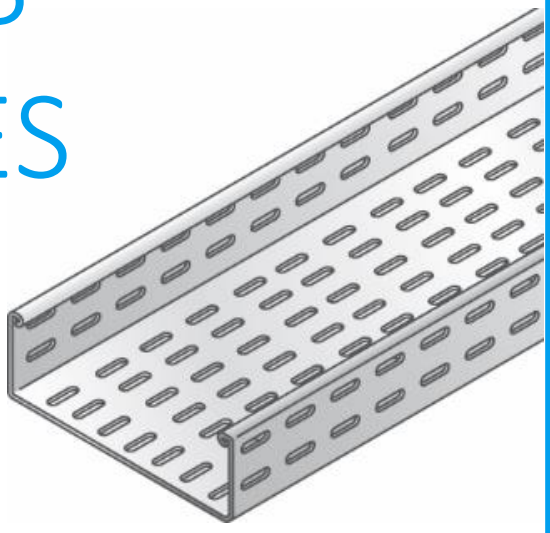
SYSTÈMES DE DALLES PERFOREES

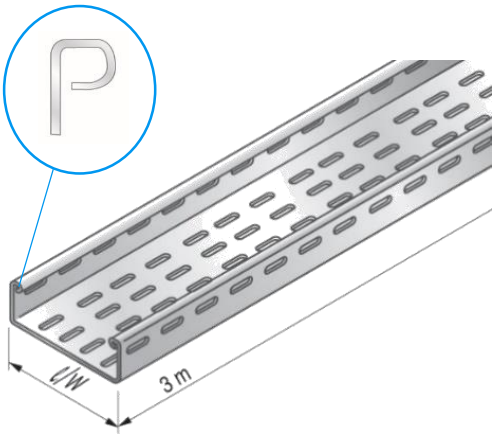


- Gamme Bords sécurité – BS…… p.2
- Gamme Bords soyés – PS…… p.18

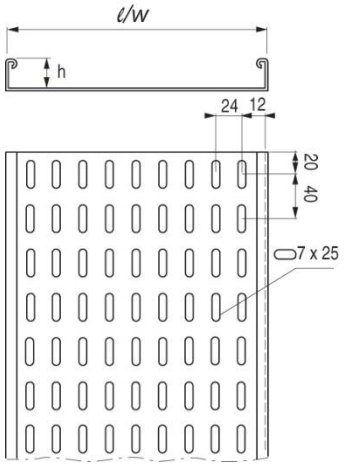
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

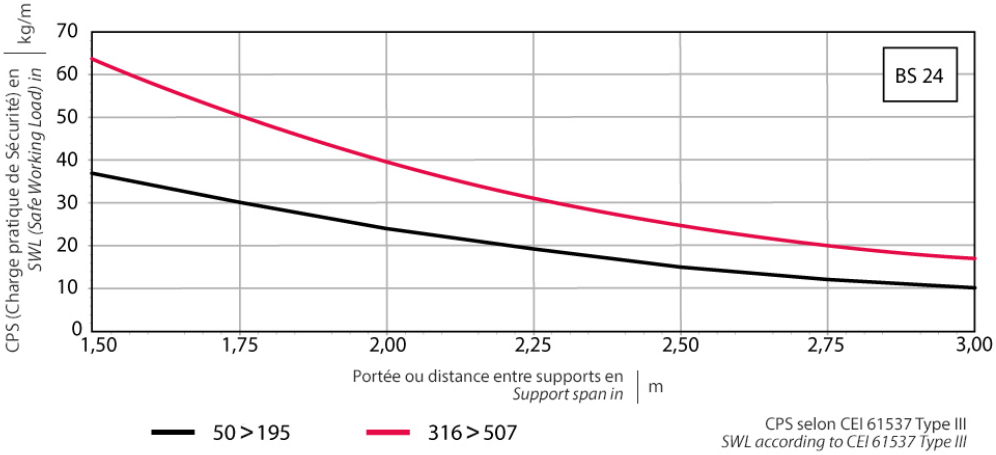
DALLES BS H24

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



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

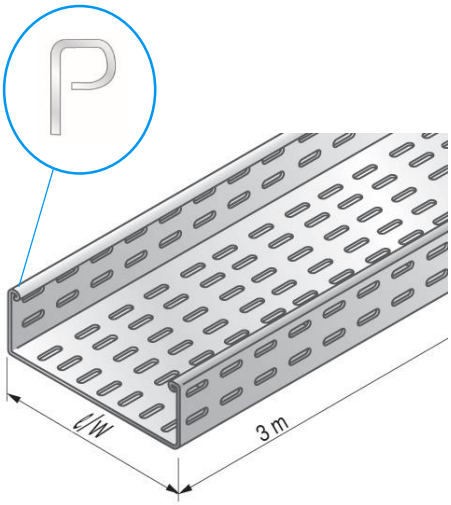




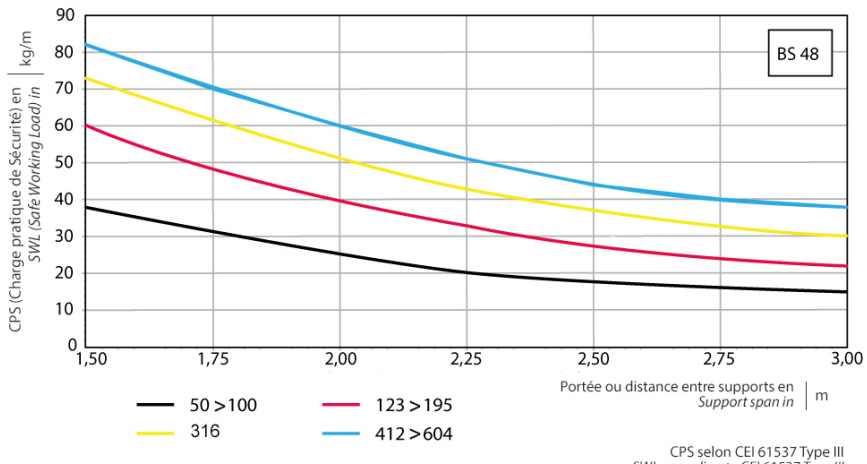
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

DALLES BS H48

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



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

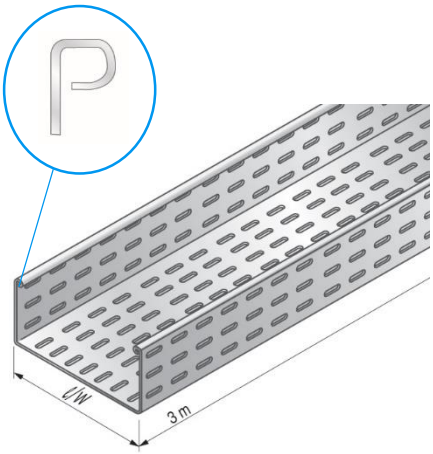


CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

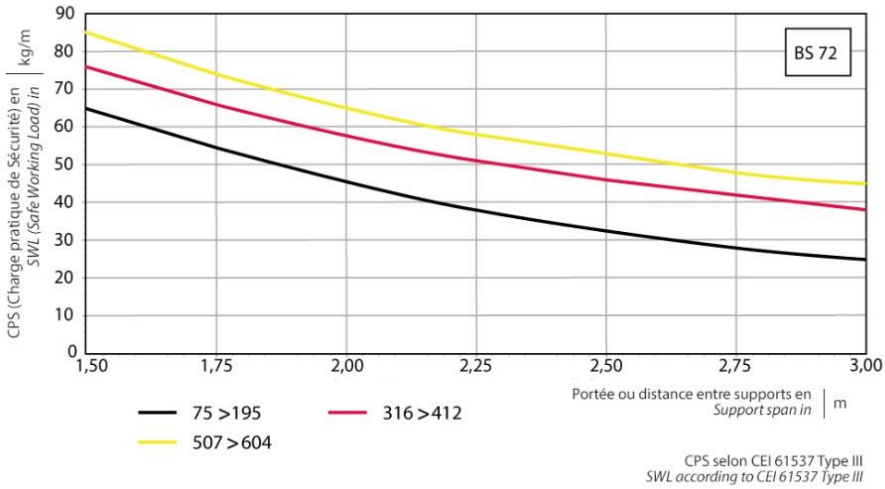
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

DALLES BS H72

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



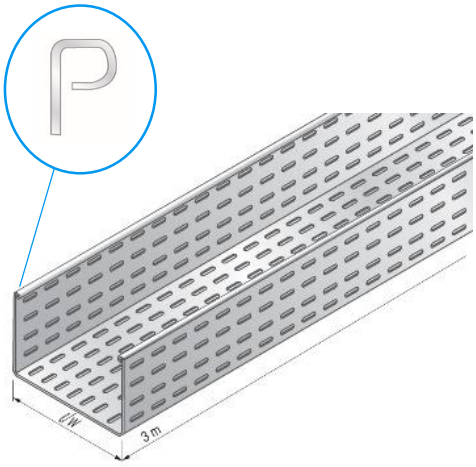
	m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
I3	3	BS 72x75 I3	**409029**	0.80	73	72	1.270
	3	BS 72x100 I3	**409030**	0.80	73	96	1.400
	3	BS 72x123 I3	**409031**	0.80	73	120	1.530
	3	BS 72x147 I3	**409032**	0.80	73	144	1.657
	3	BS 72x195 I3	**409034**	0.80	73	192	1.910
	3	BS 72x316 I3	**409037**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



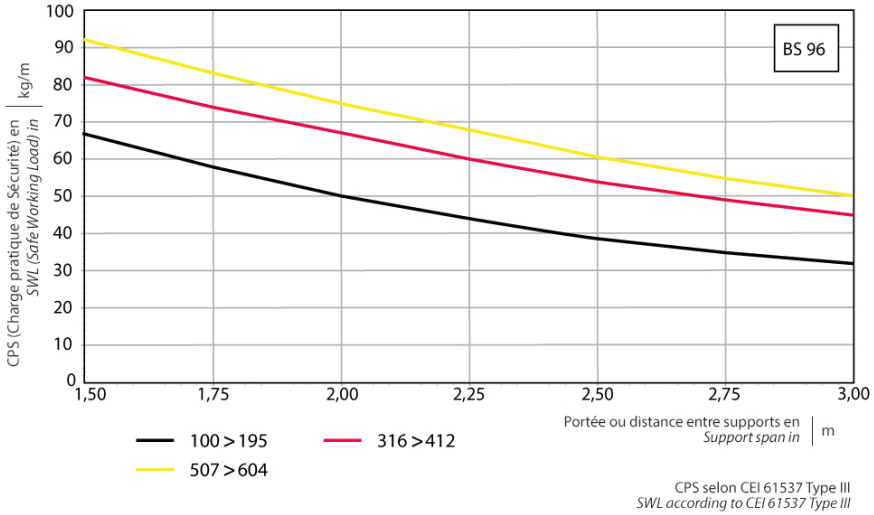
- Dalle perforée à bords roulés fermés (360°) de sécurité, 100% non agressifs pour les hommes et les câbles

DALLES BS H96

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



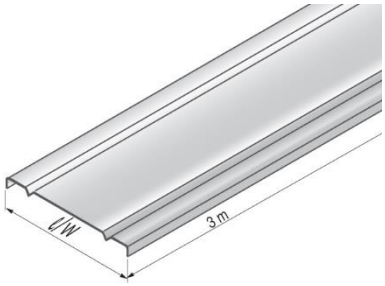
	m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
I3	3	BS 96x100 I3	**409042**	0.80	97	96	1.660
	3	BS 96x123 I3	**409043**	0.80	97	120	1.780
	3	BS 96x147 I3	**409044**	0.80	97	144	1.910
	3	BS 96x195 I3	**409046**	0.80	97	192	3.250
	3	BS 96x316 I3	**409049**	1.00	97	312	3.510
	3	BS 96x412 I3	**409051**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

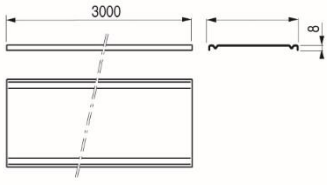


CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

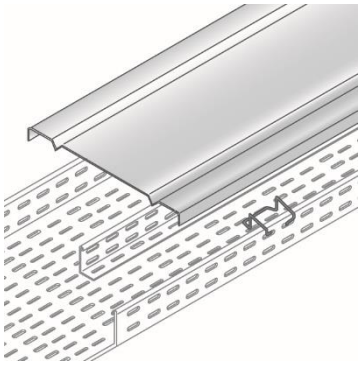
COUVERCLE NERVURÉS

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





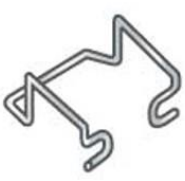
	m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
I3	3	CO NERV 50 I3	**418001**	0.80	50	0.439
	3	CO NERV 75 I3	**418002**	0.80	75	0.585
	3	CO NERV 100 I3	**418003**	0.80	100	0.740
	3	CO NERV 123 I3	**418004**	0.80	123	0.890
	3	CO NERV 147 I3	**418005**	0.80	147	1.088
	3	CO NERV 195 I3	**418007**	0.80	195	1.350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



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

CLIPS RS

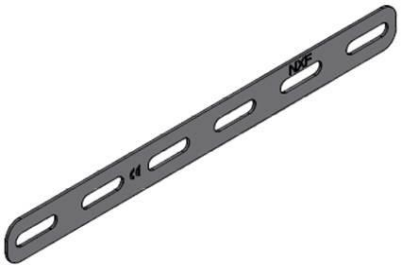
	p	Désignation	Code	Masse kg/100
I	20	CLIPS RS INOX	**645024**	0.500



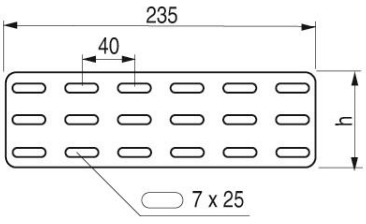
- Compatibles avec les dalles perforées BS, PS, BD, BRP et les goulottes GBRS selon dimensions proposées dans chaque gamme.
- Prévoir 8 clips par longueur de 3m.

ÉCLISSES PLATES EP

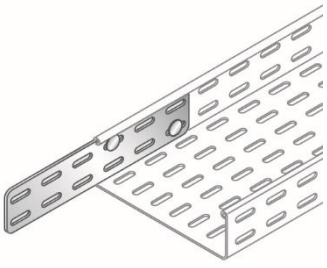
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	EP 24 I2	**408001**	1.00	22	0.032
	50	EP 48 I2	**408002**	1.00	46	0.069
	50	EP 72 I2	**408003**	1.00	70	0.106
	50	EP 96 I2	**408004**	1.00	94	0.142



	p	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

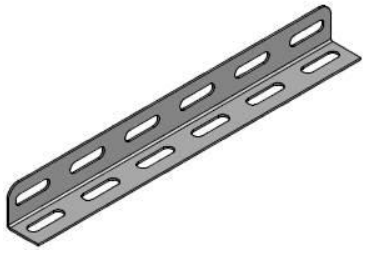


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP.
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*

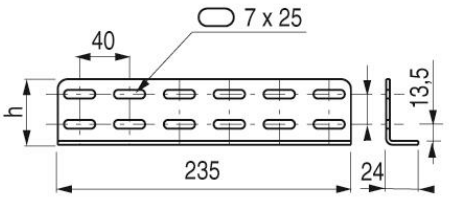


ÉCLISSES CORNIERE EC

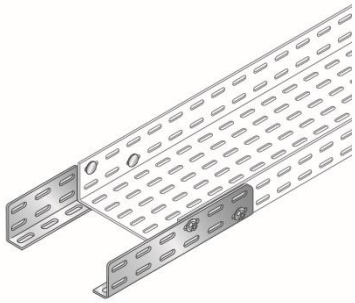
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	EC 24 I2	**438001**	1.00	25	0.070
	50	EC 48 I2	**438002**	1.00	49	0.110
	50	EC 72 I2	**438003**	1.00	73	0.210
	50	EC 96 I2	**438004**	1.00	98	0.250



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

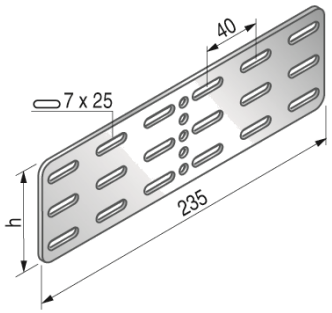


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP.
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*

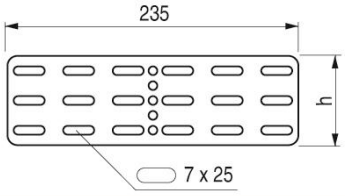


ÉCLISSES PLIABLES ED

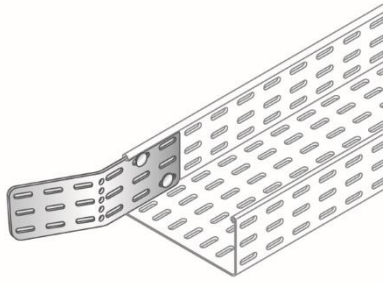
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	ED 24 I2	**408024**	1.00	22	0.032
	50	ED 48 I2	**408016**	1.00	46	0.069
	50	ED 72 I2	**408017**	1.00	70	0.106
	50	ED 96 I2	**408018**	1.00	94	0.142



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

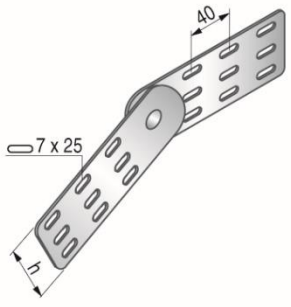


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, *réf. 529001*

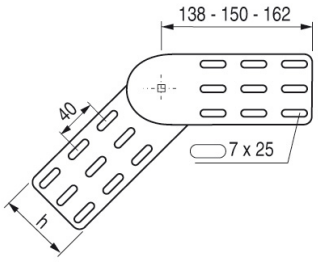


ÉCLISSES ARTICULÉES EA

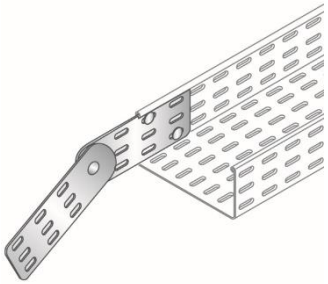
	p	Désignation	Code	H. mm	Masse kg/p
I2	50	EA 24/27 I2	**408005**	22	0.070
	50	EA 48/51 I2	**408006**	46	0.150
	50	EA 72/75 I2	**408007**	70	0.260
	50	EA 96/99 I2	**408008**	94	0.370



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

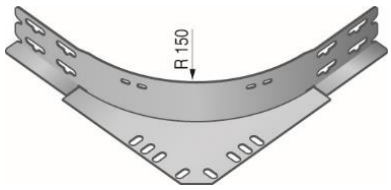


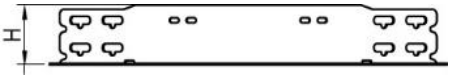
- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, *réf. 529001*



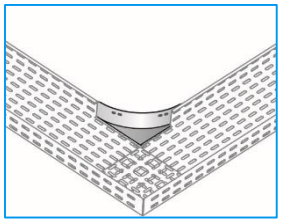
ÉCLISSES D'ANGLE

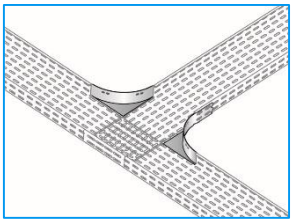
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	10	ECLISSE D ANGLE H 24 I2	**424954**	1.00	0.200
	10	ECLISSE D ANGLE H 48 I2	**424955**	1.00	0.272
	10	ECLISSE D ANGLE H 72 I2	**424956**	1.00	0.343
	10	ECLISSE D ANGLE H 96 I2	**424957**	1.00	0.414





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

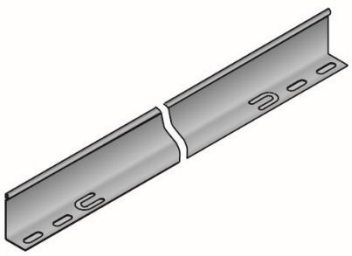




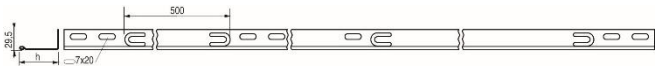
- Éclisses d'angle compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation avec boulons poêliers TRCC M6x12, *réf. 529001*

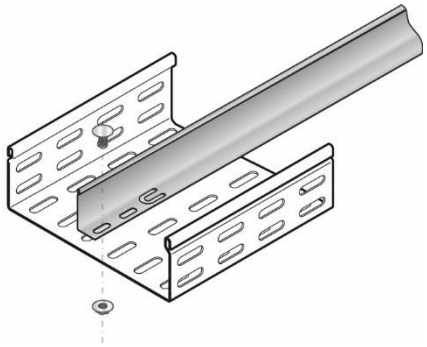
CORNIERES DE SÉPARATION UNIVERSELLES LPSU

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



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



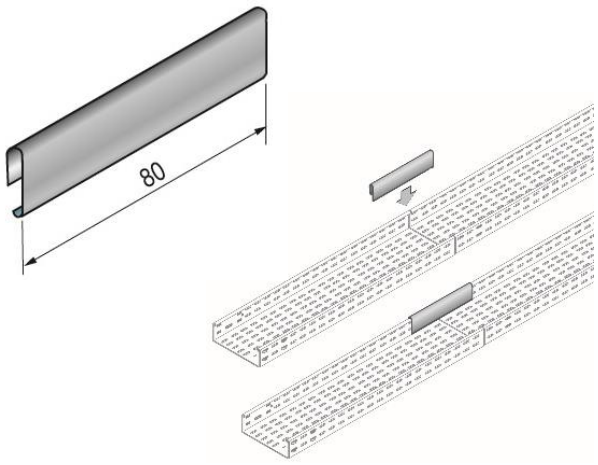


- Compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation avec BP TRCC M6x20, *réf 529003* ou Agraftol *réf 555160*

JONCTION DE CORNIERE LPSJ

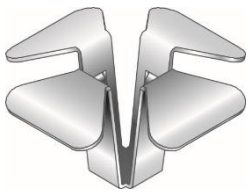
	p	Désignation	Code	Masse kg/p
I2	25	LPSJ I2	**554143**	0.014

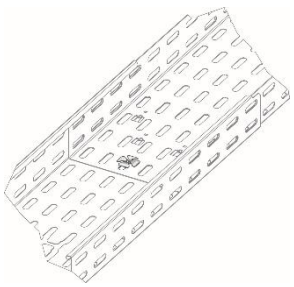
- Compatibles avec les cornières de séparation LPS et LPSU

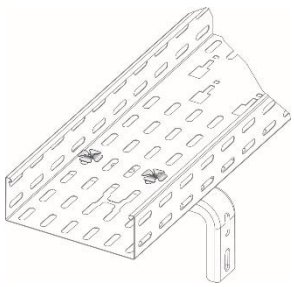


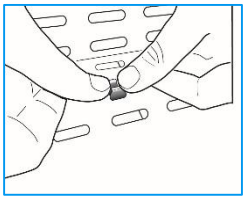
AGRAFTOL

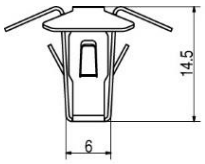
	p	Désignation	Code	Masse kg/p
I	50	AGRAFTOL INOX	**555160**	0.002

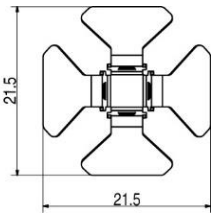






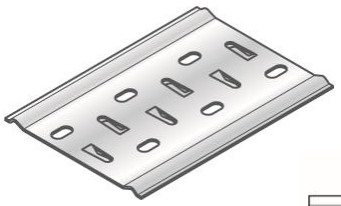


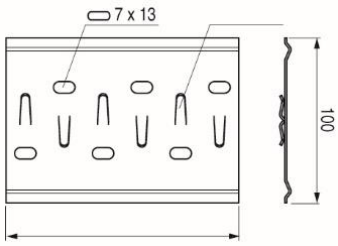




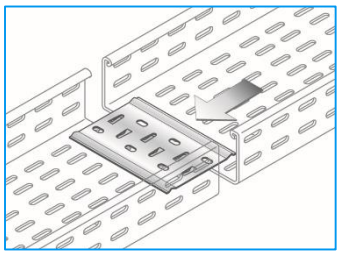
JONCTIONS DE FOND

	p	Désignation	Code	Ep. mm	l. mm	Masse kg/p
I3	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

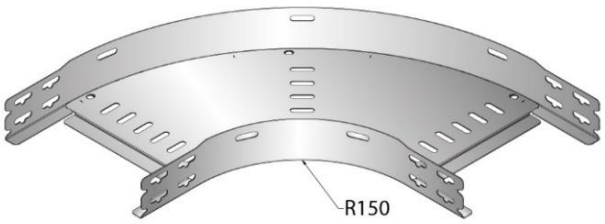


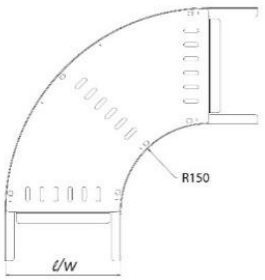


- Compatibles avec les dalles perforées BS, BSTE, BD



ELEMENTS DE RACCORDEMENT - VIRAGES 90°



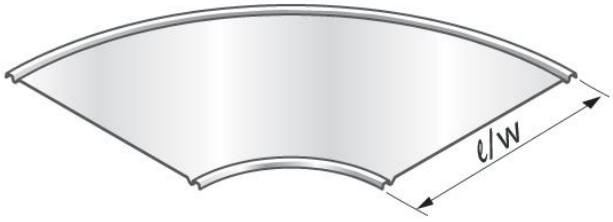


	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**200449**	0.357	**425275**	0.357	**424276**	0.515	**425276**	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

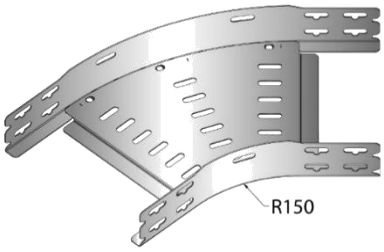
COUVERCLE NERVURÉS POUR VIRAGE 90°

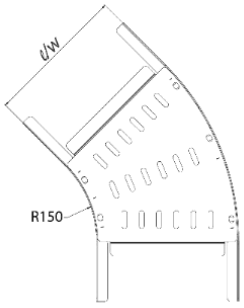
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V90 NERV 50 I2	**424279**	0.80	0.180
	1	CO V90 NERV 75 I2	**424284**	0.80	0.250
	1	CO V90 NERV 100 I2	**424289**	0.80	0.327
	1	CO V90 NERV 123 I2	**424294**	0.80	0.420
	1	CO V90 NERV 147 I2	**424299**	0.80	0.504
	1	CO V90 NERV 195 I2	**424309**	0.80	0.710
	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

	p	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°



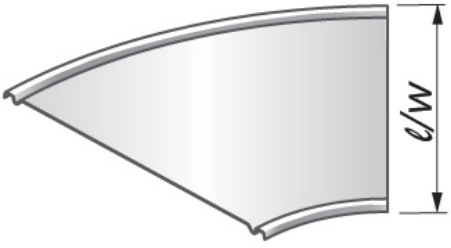


	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			**425630**	0.220	**424631**	0.319	**425631**	0.319								
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

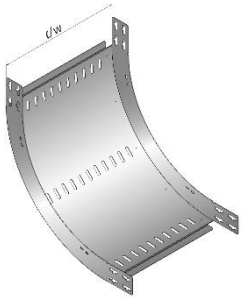
COUVERCLE NERVURÉS POUR VIRAGE 135°

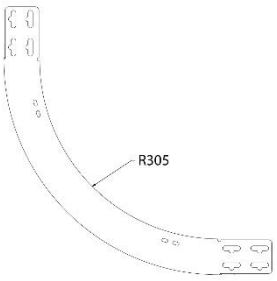
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V135 NERV 50 I2	**424632**	0.80	0.090
	1	CO V135 NERV 75 I2	**424364**	0.80	0.125
	1	CO V135 NERV 100 I2	**424369**	0.80	0.164
	1	CO V135 NERV 147 I2	**424379**	0.80	0.252
	1	CO V135 NERV 195 I2	**424389**	0.80	0.355
	1	CO V135 NERV 316 I2	**424404**	0.80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

	p	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



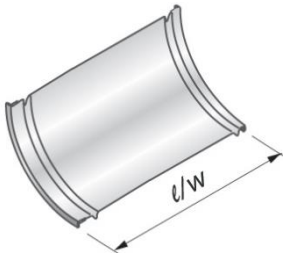
ELEMENTS DE RACCORDEMENT - CONCAVES





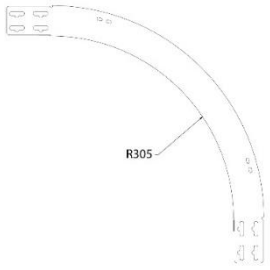
	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**424445**	0.549	**425445**	0.549	**424446**	0.757	**425446**	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



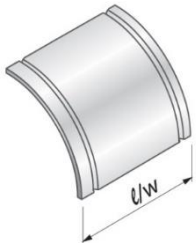
	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**424449**	0.259	**425449**	0.259	**424832**	0.237	**425832**	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



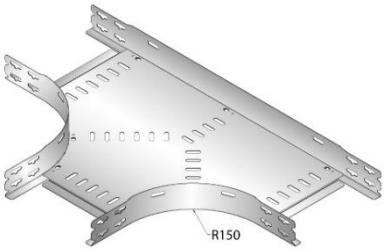
	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**424535**	0.562	**425535**	0.562	**424536**	0.816	**425536**	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

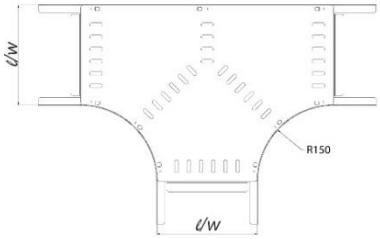
COUVERCLES NERVURÉS POUR CONVEXE



	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	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

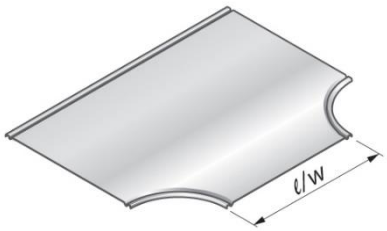




	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			**425095**	0.646	**424096**	0.882	**425096**	0.882								
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

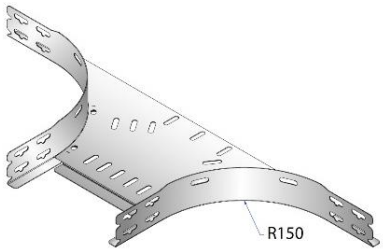
COUVERCLES NERVURÉS POUR TE

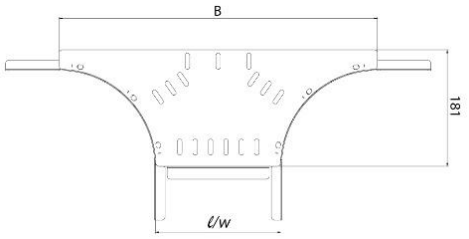
	p	Désignation	Code	Masse kg/p
I2	1	CO TE NERV 50 I2	**424099**	0.389
	1	CO TE NERV 75 I2	**424104**	0.505
	1	CO TE NERV 100 I2	**424109**	0.630
	1	CO TE NERV 147 I2	**424119**	0.909
	1	CO TE NERV 195 I2	**424129**	1.224
	1	CO TE NERV 316 I2	**424144**	2.176
	1	CO TE NERV 412 I2	**424154**	3.105
	1	CO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



	p	Désignation	Code	Masse kg/p
I3	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



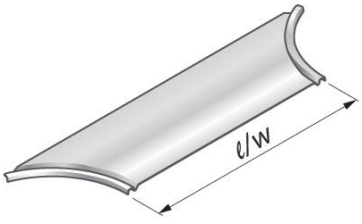


	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			**425185**	0.436	**424186**	0.578	**425186**	0.578								
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

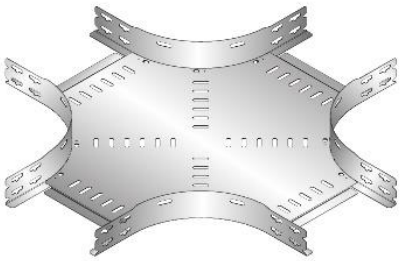
COUVERCLES NERVURÉS POUR SORTIE LATÉRALE

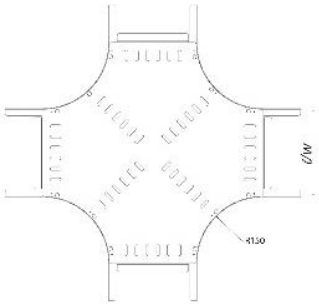
	p	Désignation	Code	Masse kg/p
I2	1	CO SLT NERV 50 I2	**424189**	0.179
	1	CO SLT NERV 75 I2	**424194**	0.208
	1	CO SLT NERV 100 I2	**424199**	0.237
	1	CO SLT NERV 123 I2	**424204**	0.266
	1	CO SLT NERV 147 I2	**424209**	0.300
	1	CO SLT NERV 195 I2	**424219**	0.360
	1	CO SLT NERV 316 I2	**424234**	0.451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

	p	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



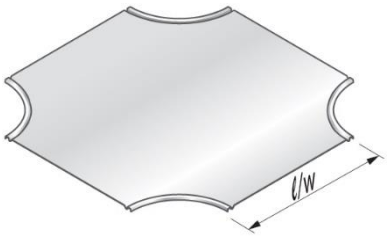


	Hauteur 24				Hauteur 48				Hauteur 72				Hauteur 96			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425001	0.845	424002	1.129	425002	1.129								
75			425006	0.997			425007	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

	p	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

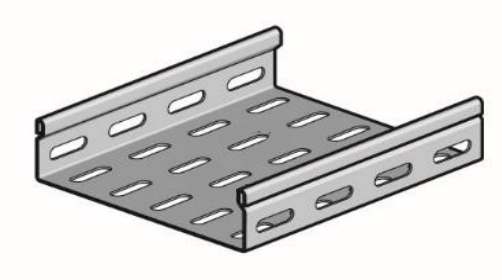
	p	Désignation	Code	Masse kg/p
I3	1	CO CROIX NERV 50 I3	425005	0.624
	1	CO CROIX NERV 75 I3	425010	0.692
	1	CO CROIX NERV 100 I3	425015	0.843
	1	CO CROIX NERV 123 I3	425020	1.005
	1	CO CROIX NERV 147 I3	425025	1.176
	1	CO CROIX NERV 195 I3	425035	1.545
	1	CO CROIX NERV 316 I3	425050	2.631
	1	CO CROIX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



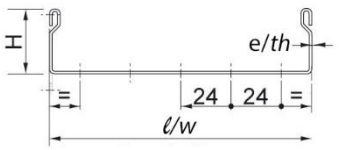
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

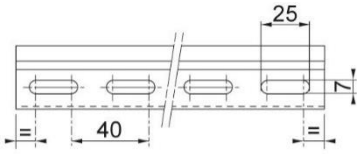
DALLES PS H27

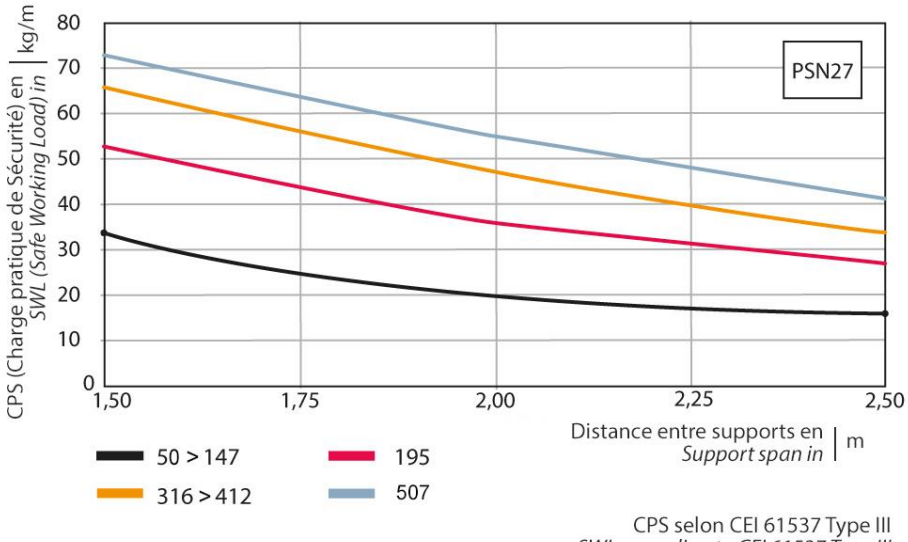
	m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
I2	3	PS 27x50 I2	**301001**	0.80	25	48	0.590
	3	PS 27x75 I2	**301002**	0.80	25	72	0.720
	3	PS 27x100 I2	**301003**	0.80	25	96	0.840
	3	PS 27x123 I2	**301004**	0.80	25	120	0.970
	3	PS 27x147 I2	**301005**	0.80	25	144	1.100
	3	PS 27x195 I2	**301007**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



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





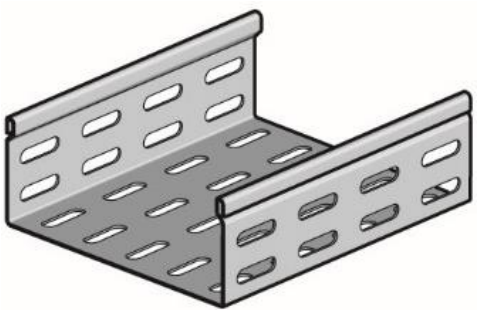


CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

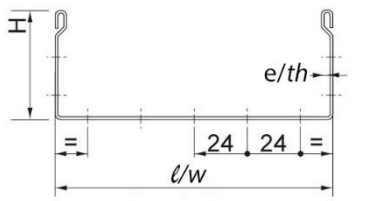
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

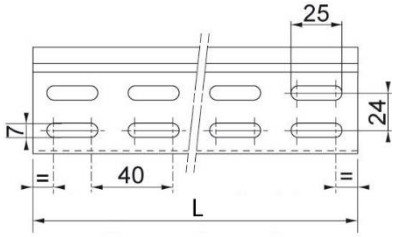
DALLES PS H51

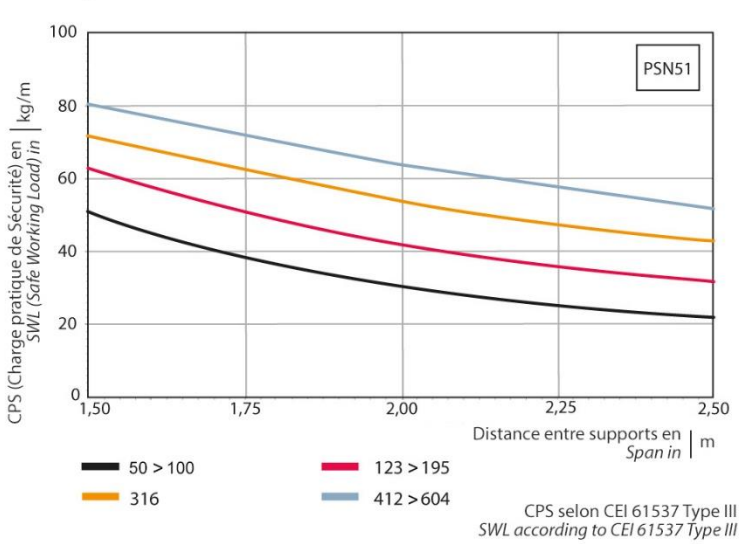
	m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
I2	3	PS 51x50 I2	**301050**	0.80	49	48	0.829
	3	PS 51x75 I2	**301051**	0.80	49	72	0.970
	3	PS 51x100 I2	**301052**	0.80	49	96	1.080
	3	PS 51x123 I2	**301053**	0.80	49	120	1.220
	3	PS 51x147 I2	**301054**	0.80	49	144	1.330
	3	PS 51x195 I2	**301056**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



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





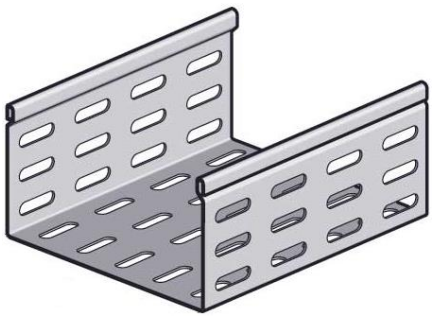


CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

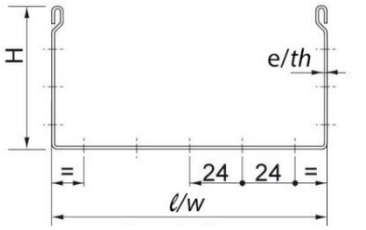
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

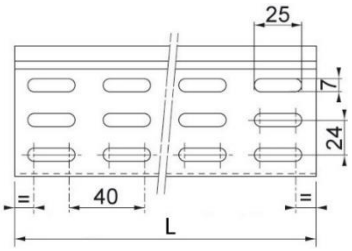
DALLES PS H75

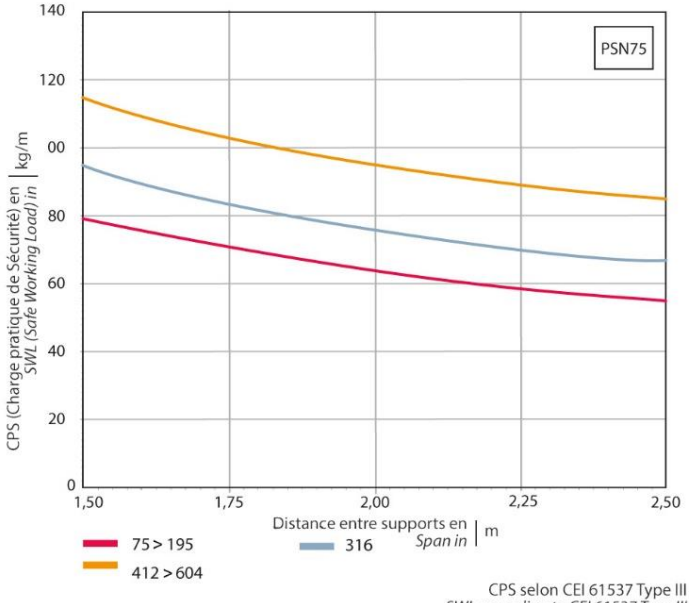
	m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
I2	3	PS 75x75 I2	**301100**	0.80	73	72	1.220
	3	PS 75x100 I2	**301101**	0.80	73	96	1.350
	3	PS 75x123 I2	**301102**	0.80	73	120	1.470
	3	PS 75x147 I2	**301103**	0.80	73	144	1.600
	3	PS 75x195 I2	**301105**	0.80	73	192	1.836
	3	PS 75x316 I2	**301110**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



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





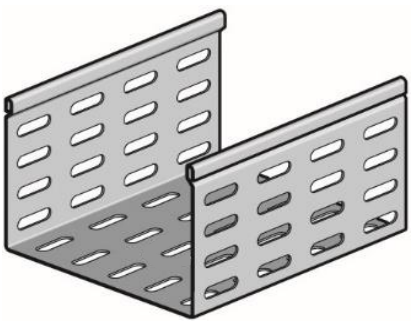


CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

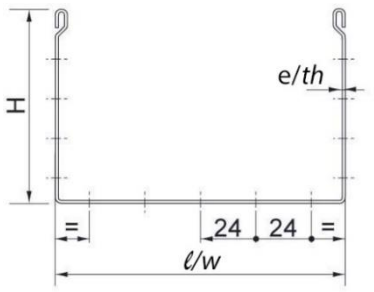
- Dalle perforée à bords soyés non coupants
- Longueur standard 3m, 6m sur demande

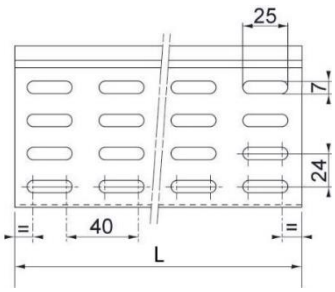
DALLES PS H99

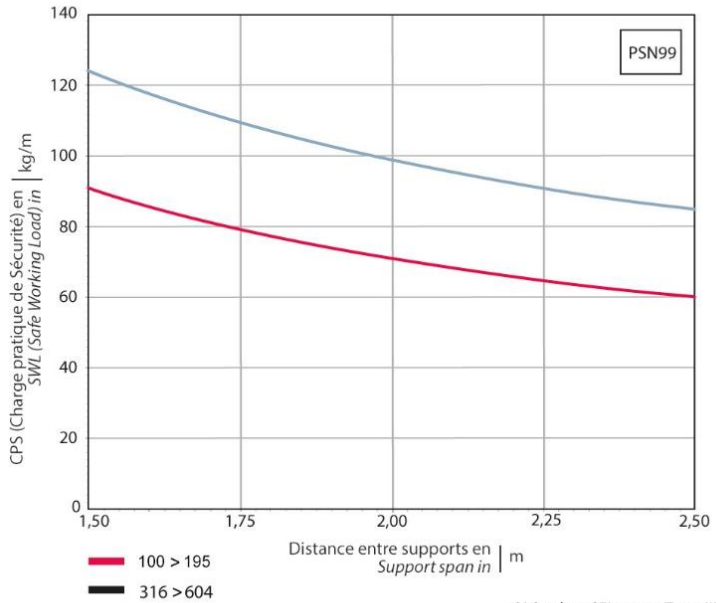
	m	Désignation	Code	Ep. mm	H. int.	l. int.	Masse kg/ml
I2	3	PS 99x100 I2	**301150**	0.80	97	96	1.600
	3	PS 99x123 I2	**301151**	0.80	97	120	1.720
	3	PS 99x147 I2	**301152**	0.80	97	144	1.850
	3	PS 99x195 I2	**301154**	1.00	97	192	2.643
	3	PS 99x316 I2	**301159**	1.20	97	312	4.090
	3	PS 99x412 I2	**301163**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



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



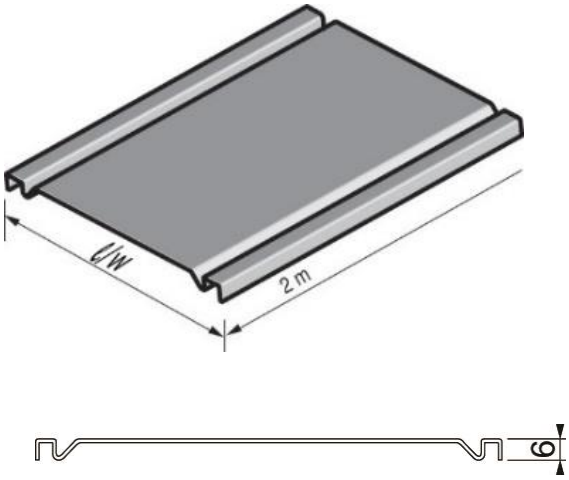




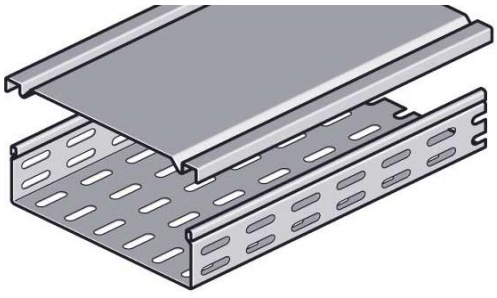
CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

COUVERCLE CO2

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



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

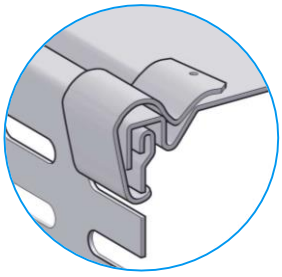


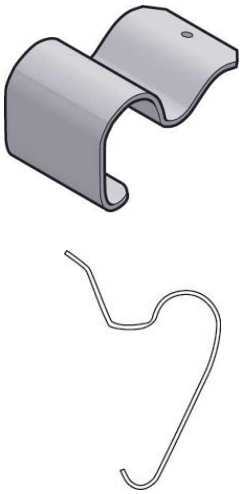
- Compatibles avec les dalles perforées PS et goulottes GRS

CLIPS C03

	p	Désignation	Code	Masse kg/CT
I	100	CLIPS CO3 INOX	**023450**	0.300

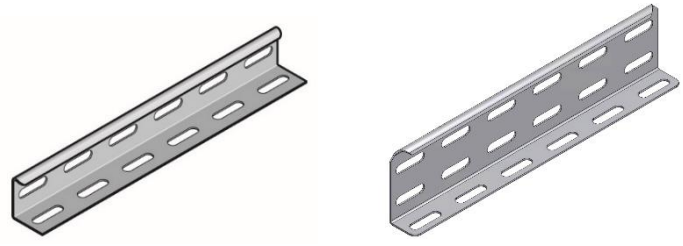
- Compatibles avec les dalles perforées PS et BD



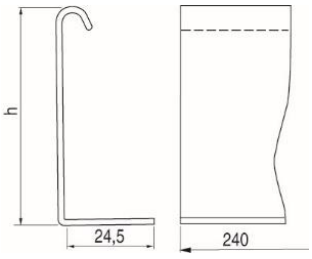


ÉCLISSES EMBOITABLES EE

	p	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

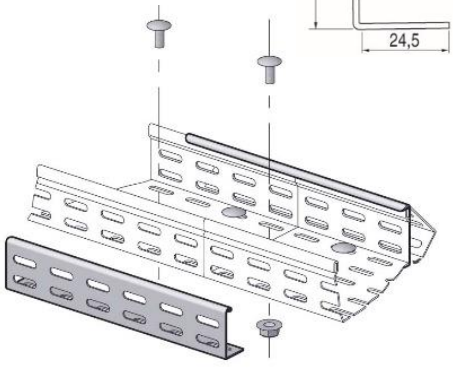


	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I3	1	EE 27 I3	**209200**	1.20	27	0.113
	1	EE 51 I3	**209211**	1.20	51	0.150
	1	EE 75 I3	**209202**	1.20	75	0.201
	1	EE 99 I3	**209213**	1.20	99	0.252



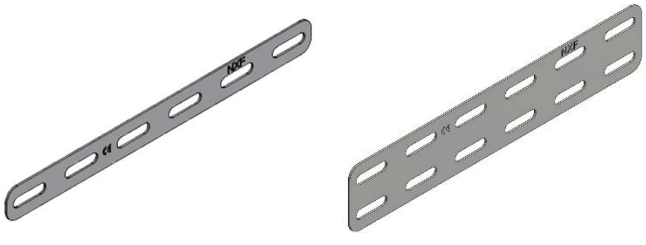
Pour dalles PS, **sécurité maximale et gain de temps**:

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

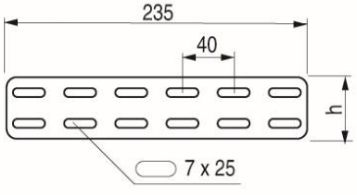


ÉCLISSES PLATES EP

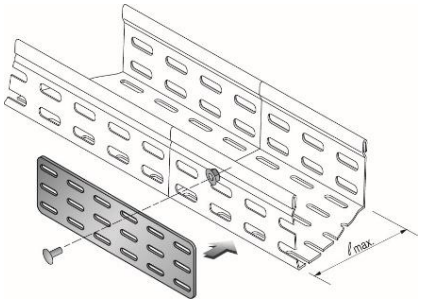
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	EP 24 I2	**408001**	1.00	22	0.032
	50	EP 48 I2	**408002**	1.00	46	0.069
	50	EP 72 I2	**408003**	1.00	70	0.106
	50	EP 96 I2	**408004**	1.00	94	0.142



	p	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

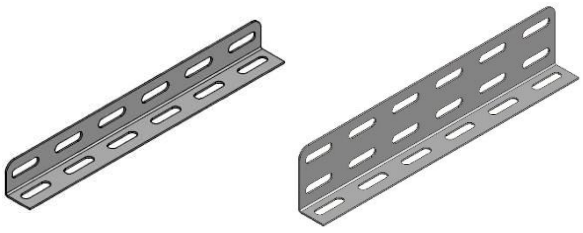


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*

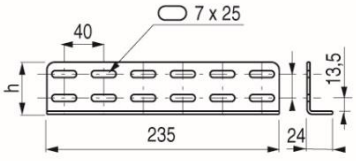


ÉCLISSES CORNIERE EC

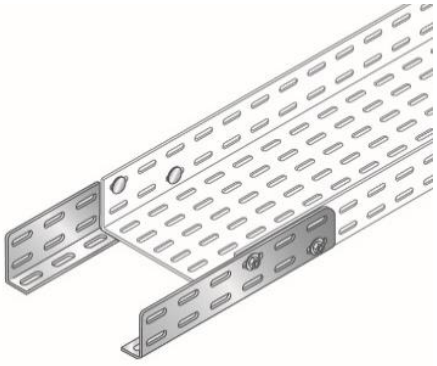
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	EC 24 I2	**438001**	1.00	25	0.070
	50	EC 48 I2	**438002**	1.00	49	0.110
	50	EC 72 I2	**438003**	1.00	73	0.210
	50	EC 96 I2	**438004**	1.00	98	0.250



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

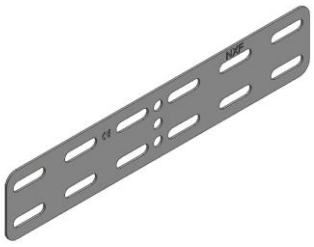


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, *réf. 529001*

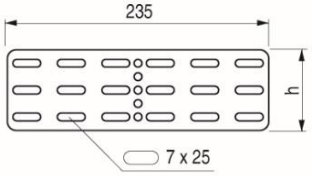


ÉCLISSES PLIABLES ED

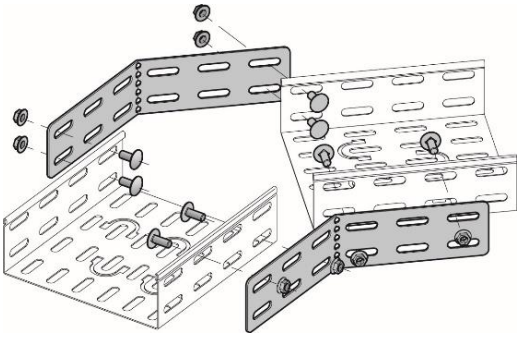
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	ED 24 I2	**408024**	1.00	22	0.032
	50	ED 48 I2	**408016**	1.00	46	0.069
	50	ED 72 I2	**408017**	1.00	70	0.106
	50	ED 96 I2	**408018**	1.00	94	0.142



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

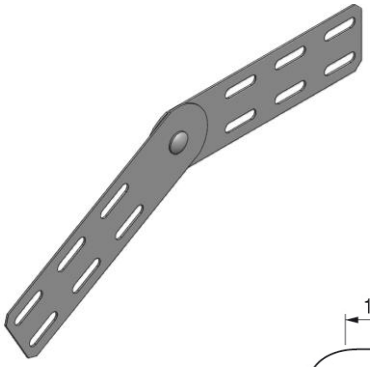


- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*

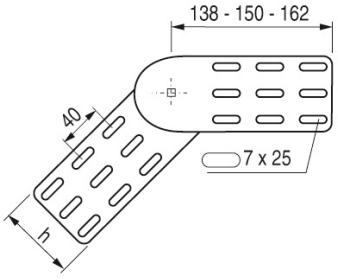


ÉCLISSES ARTICULÉES EA

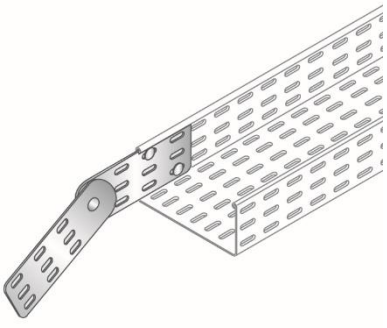
	p	Désignation	Code	H. mm	Masse kg/p
I2	50	EA 24/27 I2	**408005**	22	0.070
	50	EA 48/51 I2	**408006**	46	0.150
	50	EA 72/75 I2	**408007**	70	0.260
	50	EA 96/99 I2	**408008**	94	0.370



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

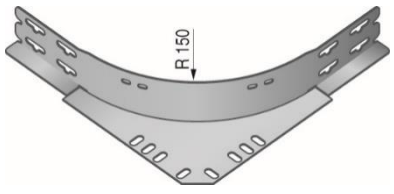


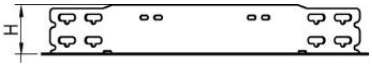
- Éclisses compatibles avec les dalles perforées BS, PS, BD et BRP
- Fixation par 4 boulons poêliers TRCC M6x12 par éclisse, *réf. 529001*



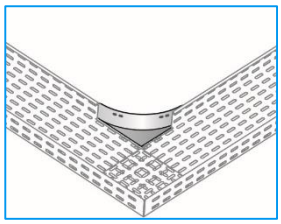
ÉCLISSES D'ANGLE

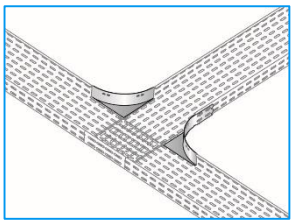
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	10	ECLISSE D ANGLE H 24 I2	**424954**	1.00	0.200
	10	ECLISSE D ANGLE H 48 I2	**424955**	1.00	0.272
	10	ECLISSE D ANGLE H 72 I2	**424956**	1.00	0.343
	10	ECLISSE D ANGLE H 96 I2	**424957**	1.00	0.414





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

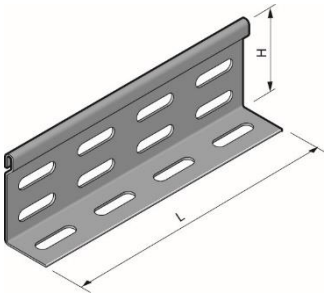




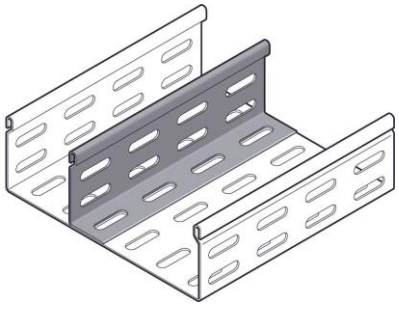
- Éclisses d'angle compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation avec BP TRCC M6x12, *réf. 529001*

CORNIERES DE SÉPARATION LPS

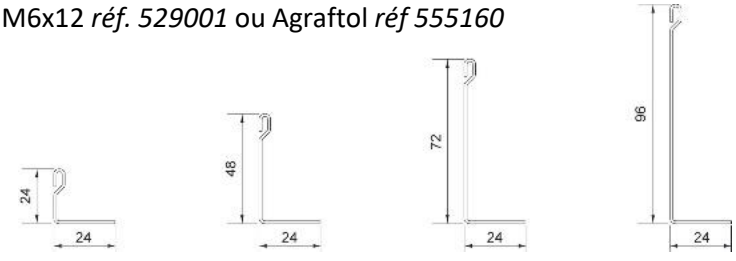
	m	Désignation	Code	Ep. mm	H. mm	Masse kg/ml
I2	3	LPS H24/27x0.80 3M I2	**314630**	0.80	24	0.280
	3	LPS H48/51x0.80 3M I2	**314631**	0.80	48	0.400
	3	LPS H72/75x0.80 3M I2	**314632**	0.80	72	0.550
	3	LPS H96/99x0.80 3M I2	**314633**	0.80	96	0.660



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

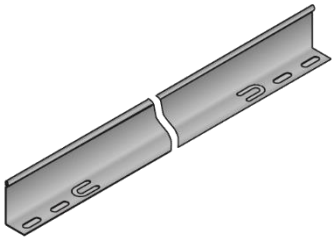


- Compatibles avec toutes les dalles perforées
- Fixation par BP TRCC M6x12 *réf. 529001* ou Agraftol *réf 555160*

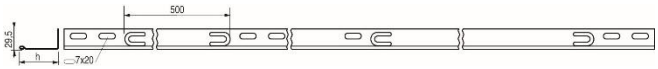


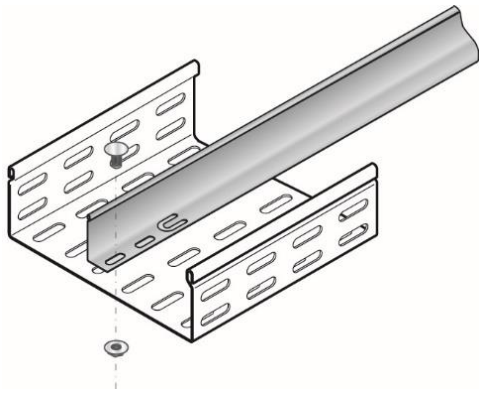
CORNIERES DE SÉPARATION UNIVERSELLES LPSU

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



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

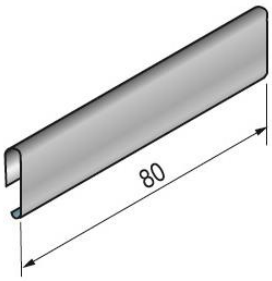




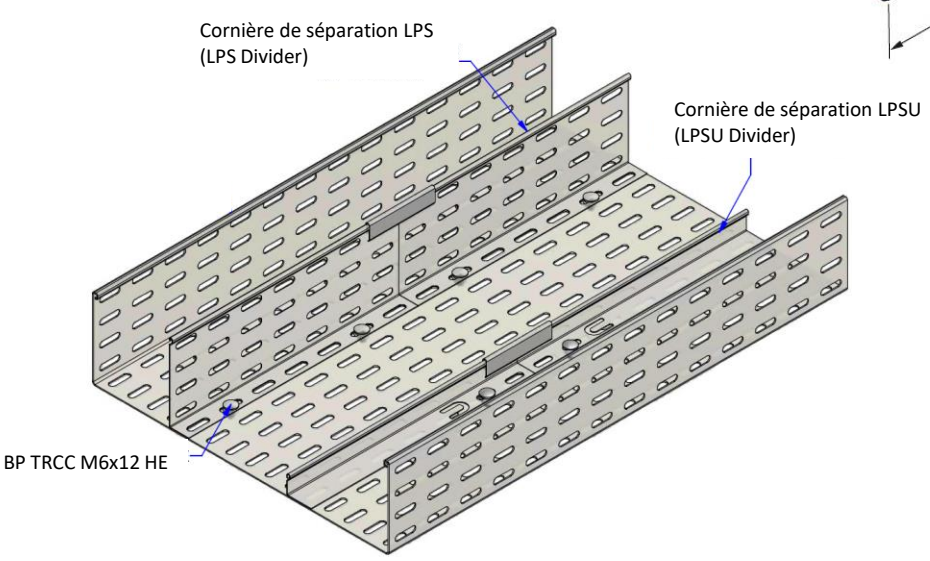
- Compatibles avec les dalles perforées BS, PS, BSTE, BD et BRP
- Fixation par BP TRCC M6x12 *réf. 529001* ou Agraftol *réf 555160*

JONCTION DE CORNIERE LPSJ

	p	Désignation	Code	Masse kg/p
I2	25	LPSJ I2	**554143**	0.014

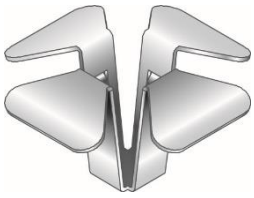


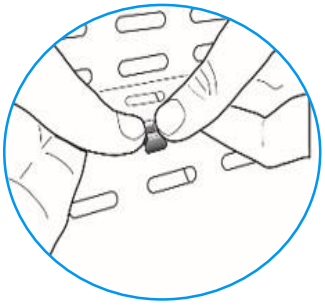
- Compatibles avec les cornières de séparation LPS et LPSU

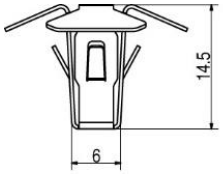


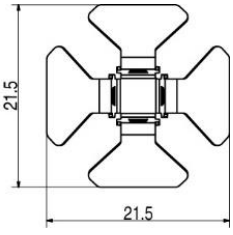
AGRAFTOL

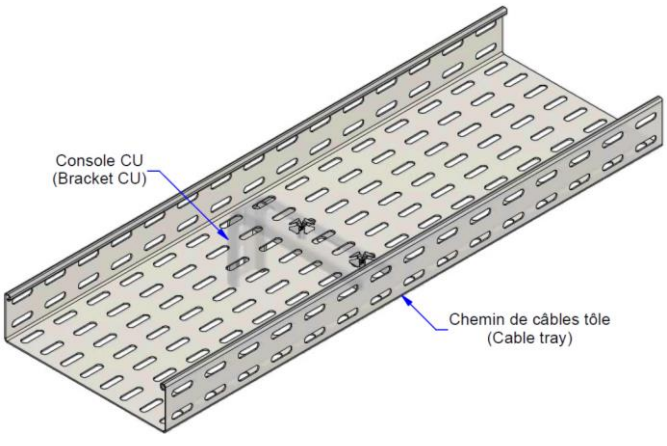
	p	Désignation	Code	Masse kg/p
I2	50	AGRAFTOL INOX	**555160**	0.002

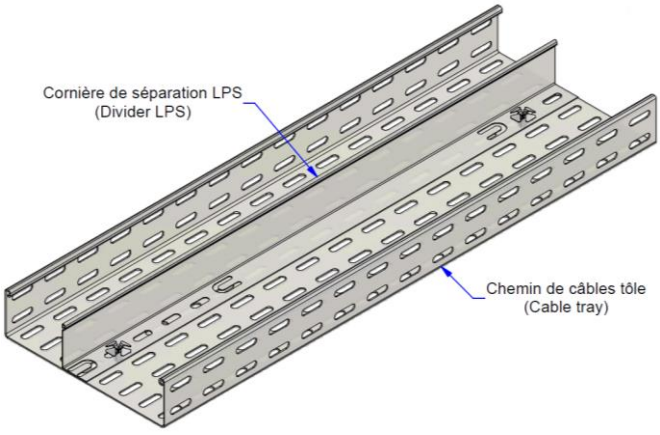




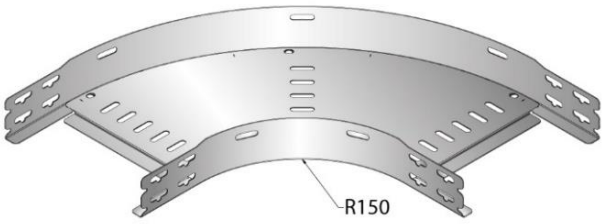


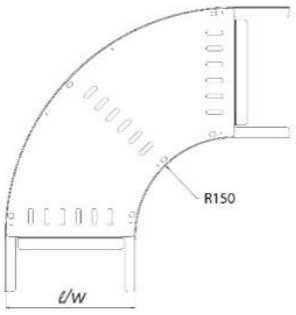






ELEMENTS DE RACCORDEMENT - VIRAGES 90°



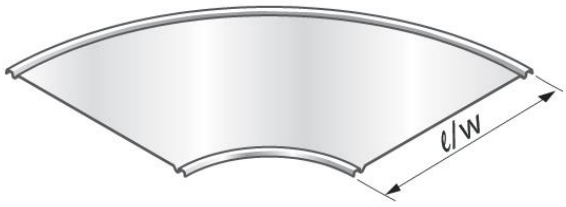


	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		**I3**		**I2**		**I3**		**I2**		**I3**		**I2**		**I3**	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**200449**	0.357	**425275**	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

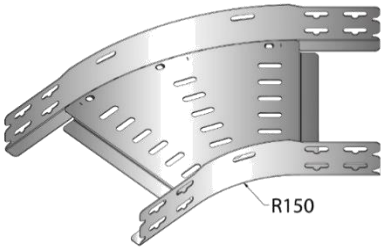
COUVERCLE CO2 POUR VIRAGE 90°

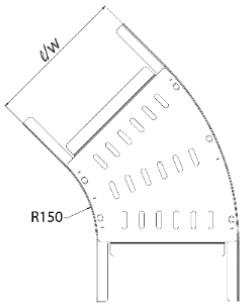
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V90 CO2 50 I2	**308401**	0.80	0.190
	1	CO V90 CO2 75 I2	**308402**	0.80	0.250
	1	CO V90 CO2 100 I2	**308403**	0.80	0.327
	1	CO V90 CO2 123 I2	**308404**	0.80	0.412
	1	CO V90 CO2 147 I2	**308405**	0.80	0.504
	1	CO V90 CO2 195 I2	**308407**	0.80	0.710
	1	CO 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

	p	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°



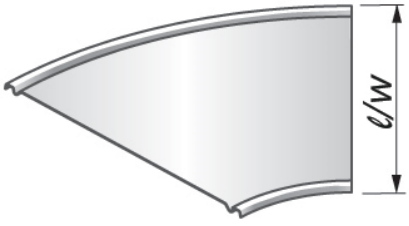


	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		**I3**		**I2**		**I3**		**I2**		**I3**		**I2**		**I3**	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			**425630**	0.220	**424631**	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

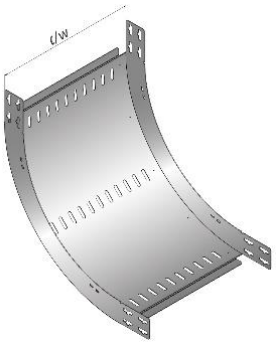
COUVERCLE CO2 POUR VIRAGE 135°

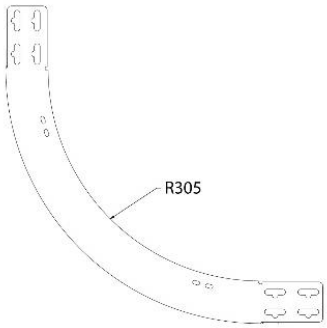
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	1	CO V135 CO2 50 I2	**308421**	0.80	0.090
	1	CO V135 CO2 75 I2	**308422**	0.80	0.125
	1	CO V135 CO2 100 I2	**308423**	0.80	0.164
	1	CO V135 CO2 147 I2	**308425**	0.80	0.252
	1	CO V135 CO2 195 I2	**308427**	0.80	0.355
	1	CO V135 CO2 316 I2	**308430**	0.80	0.676
	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

	p	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



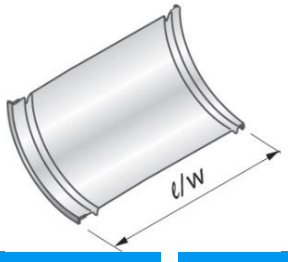
ELEMENTS DE RACCORDEMENT - CONCAVES





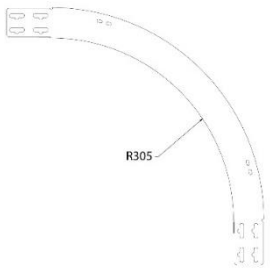
	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**424445**	0.549	**425445**	0.549	**424446**	0.757	**425446**	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



	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	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

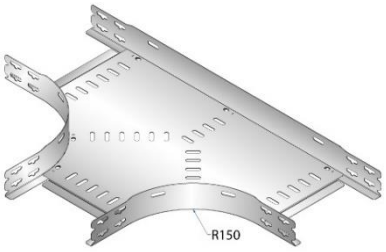


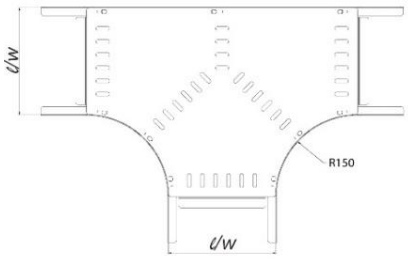
	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50	**424535**	0.562	**425535**	0.562	**424536**	0.816	**425536**	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

	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		I3		I2		I3		I2		I3		I2		I3	
Largeur	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



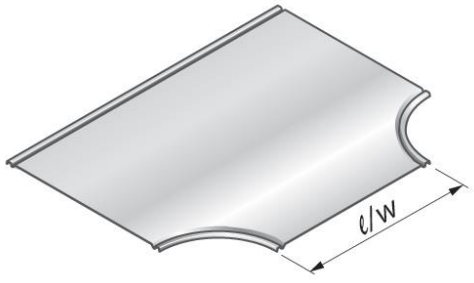


Largeur	Hauteur H24				Hauteur H48				Hauteur H72				Hauteur H96			
	I2		I3		I2		I3		I2		I3		I2		I3	
	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			425095	0.646	424096	0.882	425096	0.882								
75	424100	0.661	425100	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

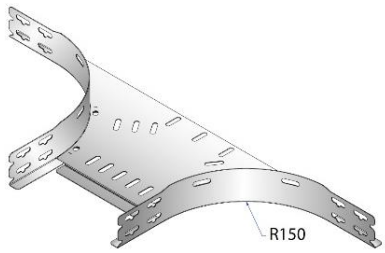
COUVERCLES CO2 POUR TE

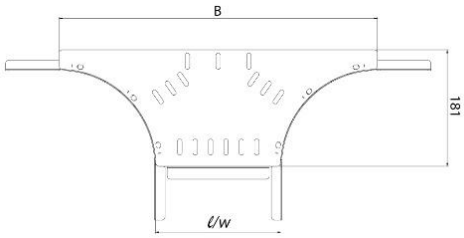
	p	Désignation	Code	Masse kg/p
I2	1	CO TE CO2 50 I2	308481	0.389
	1	CO TE CO2 75 I2	308482	0.505
	1	CO TE CO2 100 I2	308483	0.630
	1	CO TE CO2 123 I2	308484	0.765
	1	CO TE CO2 147 I2	308485	0.909
	1	CO TE CO2 195 I2	308487	1.224
	1	CO TE CO2 316 I2	308490	2.176
	1	CO TE CO2 412 I2	308492	3.105
	1	CO TE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

	p	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



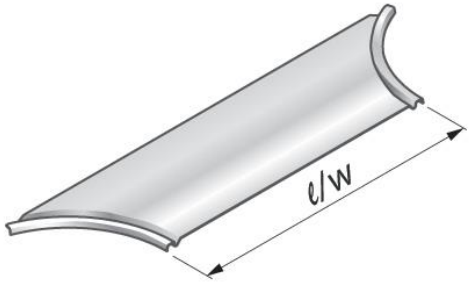


	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		**I3**		**I2**		**I3**		**I2**		**I3**		**I2**		**I3**	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			**425185**	0.436	**424186**	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

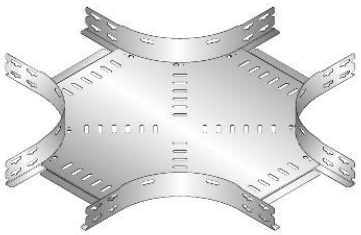
COUVERCLES CO2 POUR SORTIE LATÉRALE

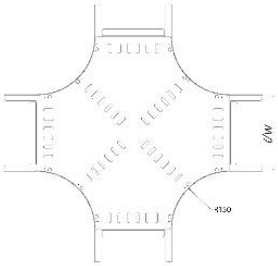
	p	Désignation	Code	Masse kg/p
I2	1	CO SLT CO2 50 I2	**308461**	0.179
	1	CO SLT CO2 75 I2	**308462**	0.208
	1	CO SLT CO2 100 I2	**308463**	0.237
	1	CO SLT CO2 123 I2	**308464**	0.266
	1	CO SLT CO2 147 I2	**308465**	0.300
	1	CO SLT CO2 195 I2	**308467**	0.360
	1	CO SLT CO2 316 I2	**308470**	0.451
	1	CO 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

	p	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

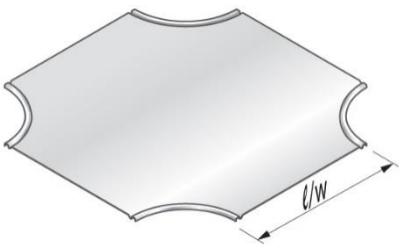




	Hauteur **H24**				Hauteur **H48**				Hauteur **H72**				Hauteur **H96**			
	I2		**I3**		**I2**		**I3**		**I2**		**I3**		**I2**		**I3**	
Largeur	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p	Code	Masse kg/p
50			**425001**	0.845	**424002**	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

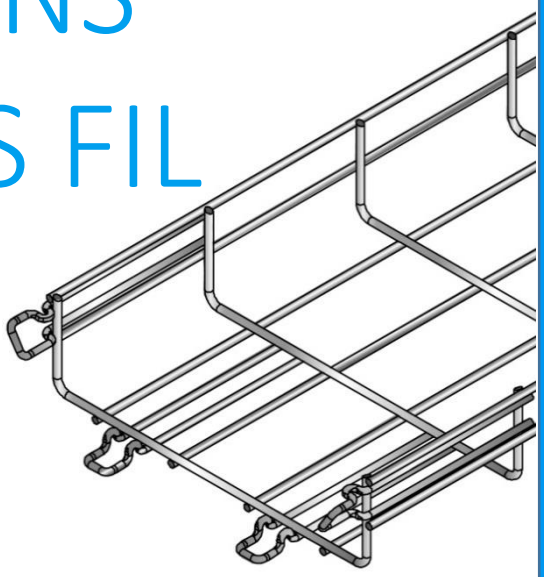
	p	Désignation	Code	Masse kg/ml
I2	1	CO CROIX CO2 50 I2	**308441**	0.624
	1	CO CROIX CO2 75 I2	**308442**	0.692
	1	CO CROIX CO2 100 I2	**308443**	0.843
	1	CO CROIX CO2 123 I2	**308444**	1.005
	1	CO CROIX CO2 195 I2	**308447**	1.545
	1	CO CROIX CO2 316 I2	**308450**	2.631
	1	CO CROIX CO2 412 I2	**308452**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



	p	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

NIEDAX France

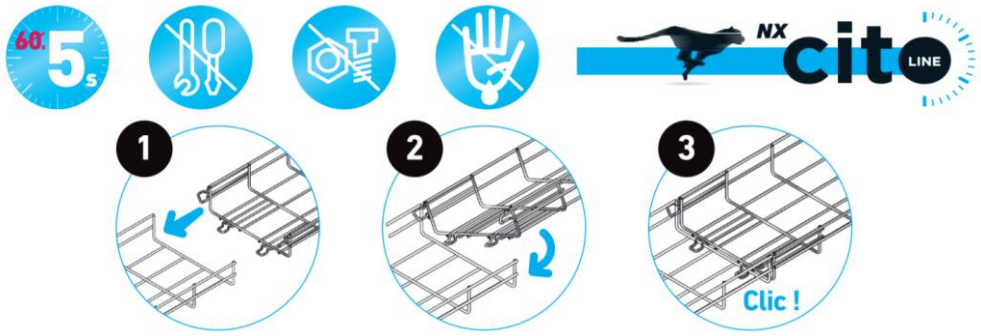
SYSTÈMES DE CHEMINS DE CABLES FIL



- 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

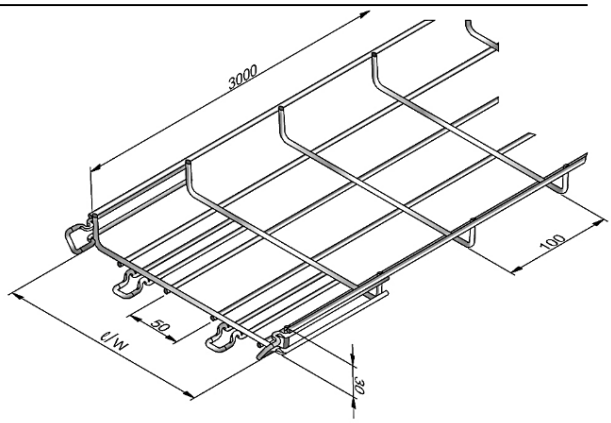
- Fini les éclisses et les boulons : **l'assemblage** du MTC est **automatique**
- En un clic et sans éclisses, il offre une **résistance identique** à un éclissage classique !
- Fini les contraintes d'espaces de dégagement : le MTC **s'adapte à toues les configurations**, même les plus exiguës
- Le 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**

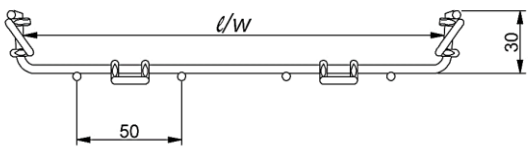


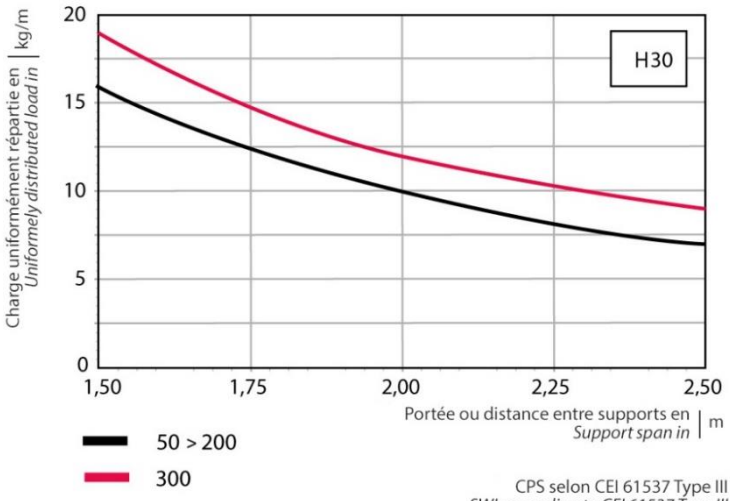
MTC H30

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

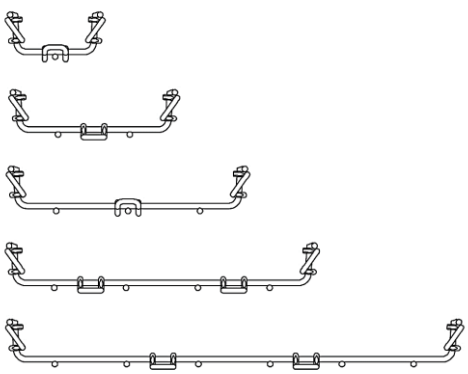
	m	Désignation	Code	Masse kg/ml
I3	3	MTC 30x50 I3	**714018**	0.420
	3	MTC 30x100 I3	**714025**	0.560
	3	MTC 30x150 I3	**714032**	0.720
	3	MTC 30x200 I3	**714049**	0.860
	3	MTC 30x300 I3	**714056**	1.150





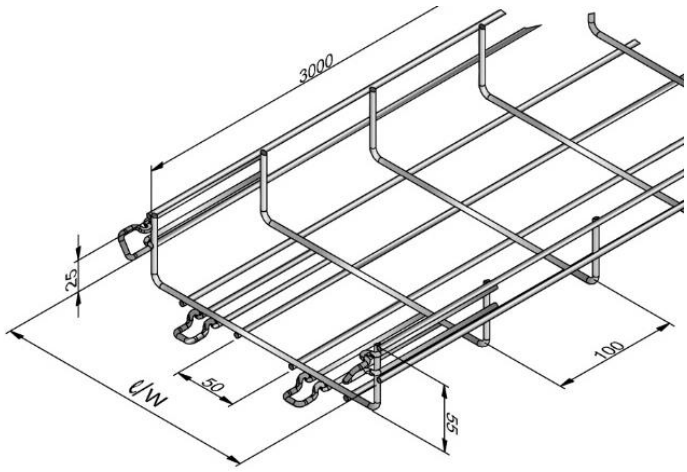


CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

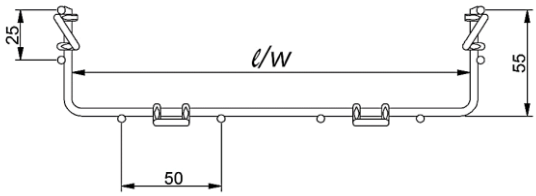


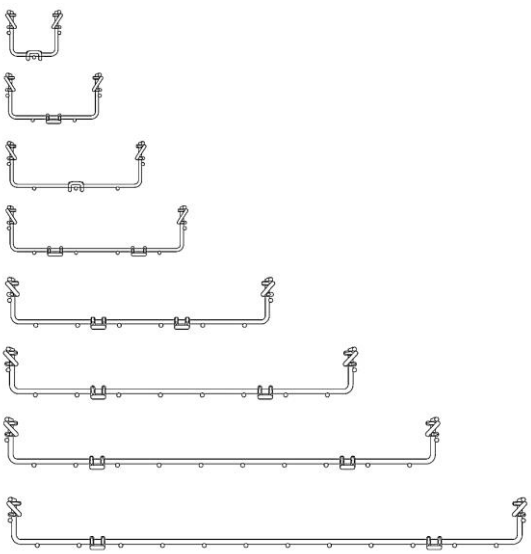
MTC H54

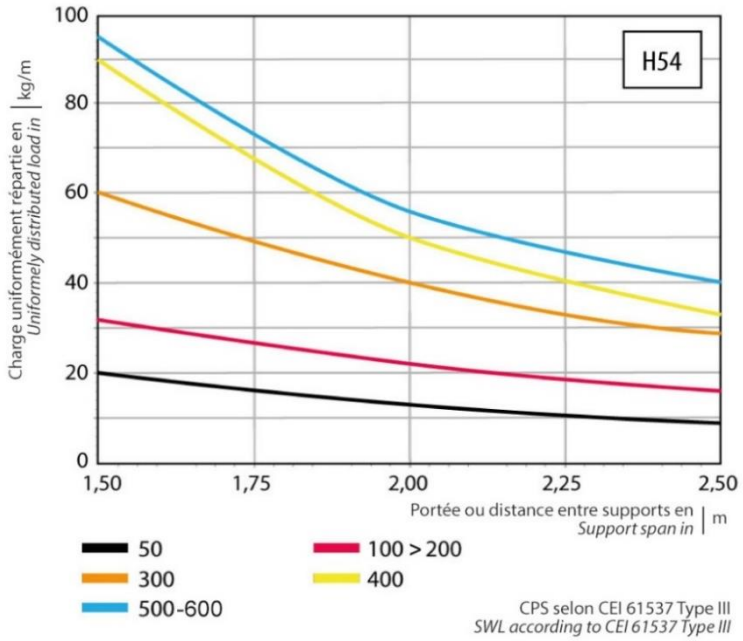
	m	Désignation	Code	Masse kg/ml
I2	3	MTC 54x 50 I2	**713073**	0.660
	3	MTC 54x100 I2	**713080**	0.800
	3	MTC 54x150 I2	**713097**	0.960
	3	MTC 54x200 I2	**713110**	1.100
	3	MTC 54x300 I2	**713134**	2.140
	3	MTC 54x400 I2	**713165**	2.930
	3	MTC 54x500 I2	**713189**	3.450
	3	MTC 54x600 I2	**713219**	3.960



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



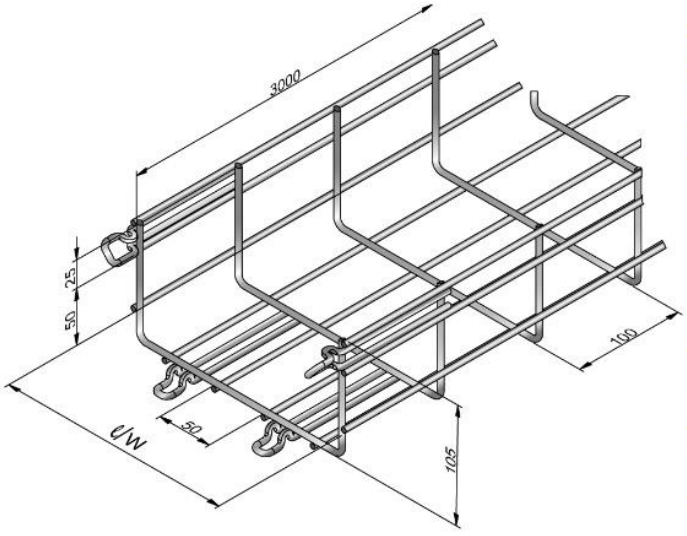


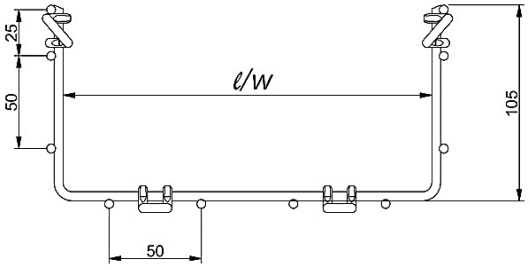


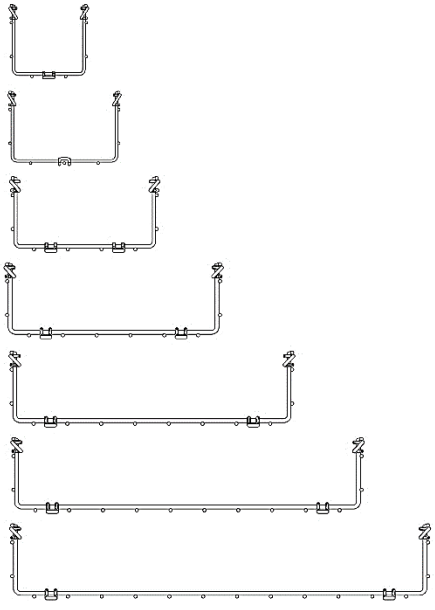
MTC H105

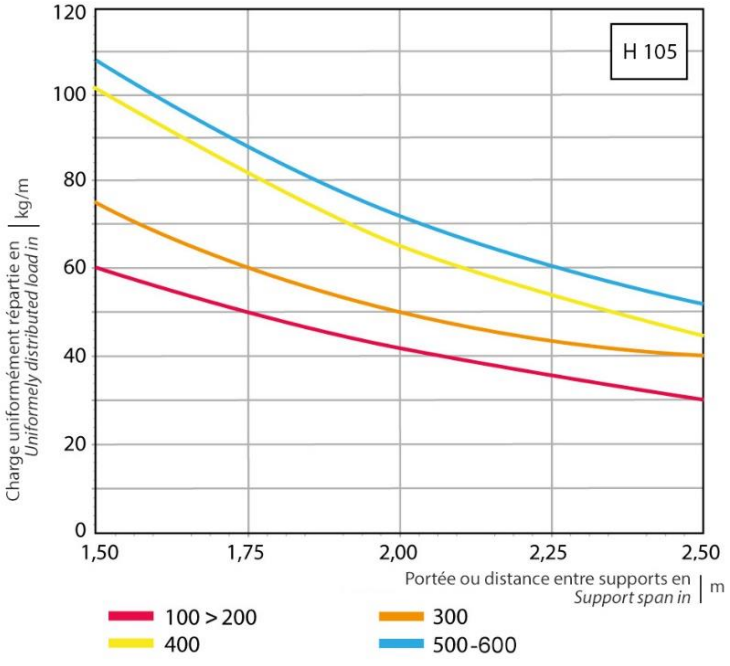
	m	Désignation	Code	Masse kg/ml
I2	3	MTC 105x100 I2	**713233**	1.100
	3	MTC 105x150 I2	**713264**	1.250
	3	MTC 105x200 I2	**713288**	2.150
	3	MTC 105x300 I2	**713318**	2.950
	3	MTC 105x400 I2	**713325**	3.460
	3	MTC 105x500 I2	**713332**	3.980
	3	MTC 105x600 I2	**713349**	4.490

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









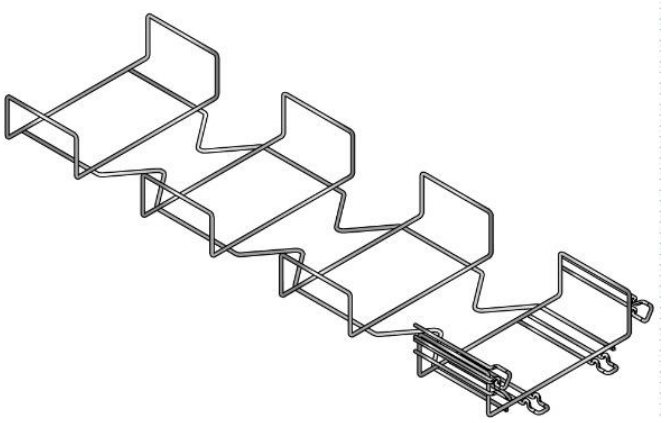
CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

ÉLÉMENTS DE RACCORDEMENT MTCE

Élément de raccordement livré droit :

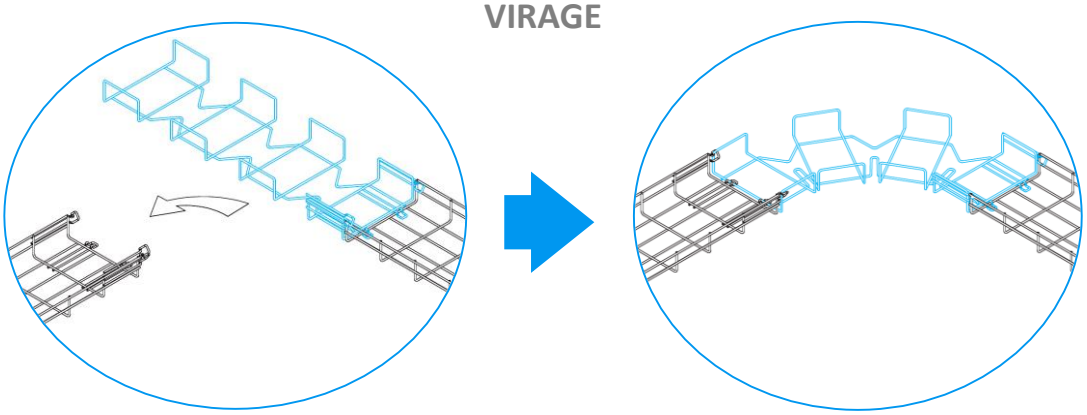
- Simple d'utilisation : **sans outils, ni boulons**
- Permet de former **concave/convexe** et **virages** par simple torsion manuelle
- **Angles variables**, selon configuration chantier

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

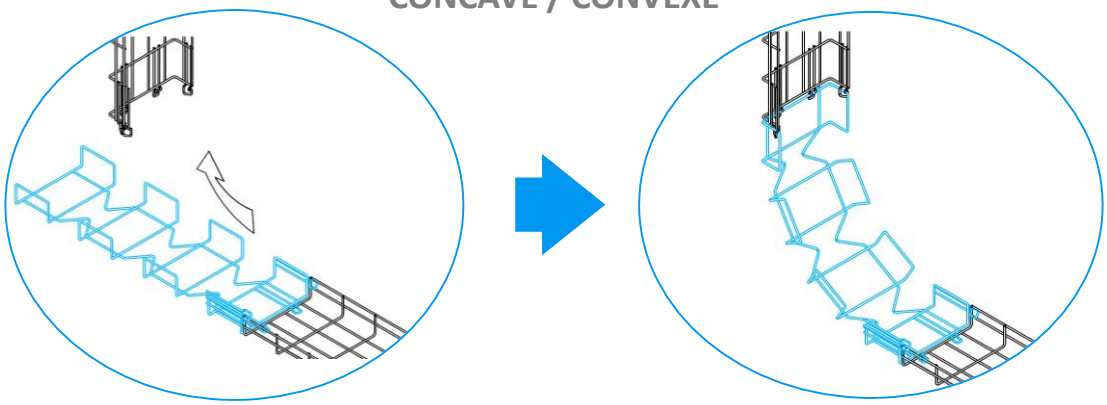


	P	Désignation	Code	Masse kg/p
I3	1	MTCE 54x100 I3	**714315**	0.326
	1	MTCE 54x150 I3	**714322**	0.390
	1	MTCE 54x200 I3	**714339**	0.569
	1	MTCE 54x300 I3	**714346**	1.109

VIRAGE



CONCAVE / CONVEXE



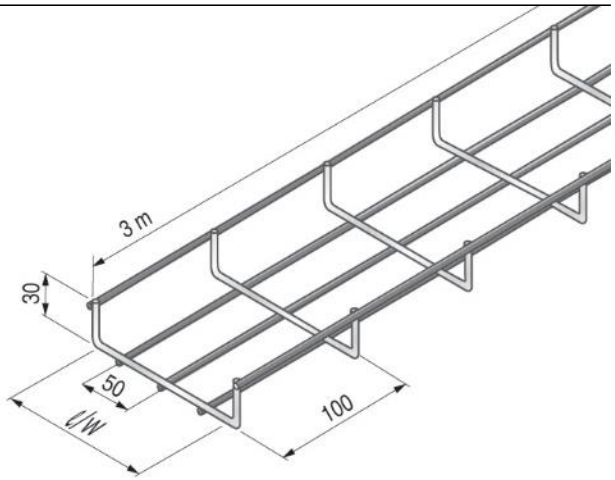
Des solutions pour toutes les configurations de chantier

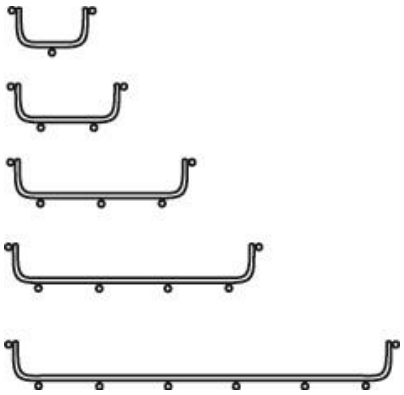
- **Simplicité**
- **Sécurité**
- **Rapidité**

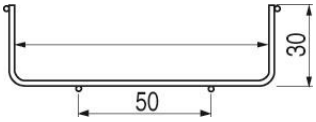
UF H30

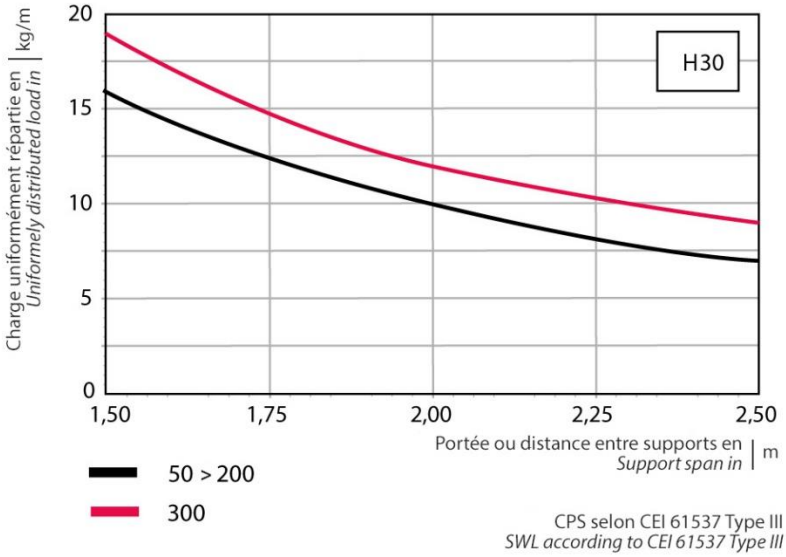
	m	Désignation	Code	Masse kg/ml
I2	3	UF 30x50 I2	**549530**	0.389
	3	UF 30x100 I2	**549531**	0.535

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





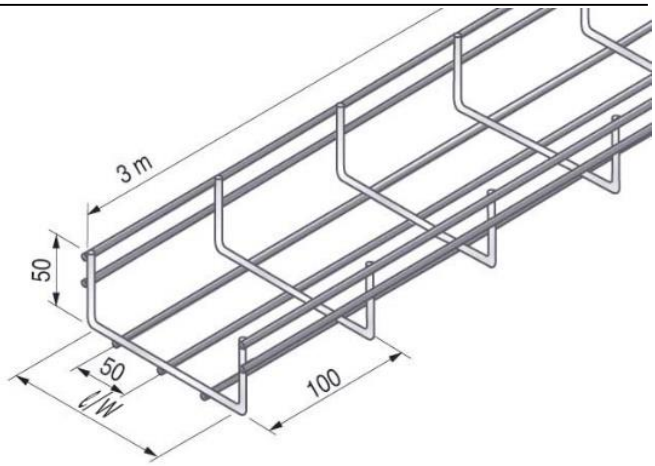




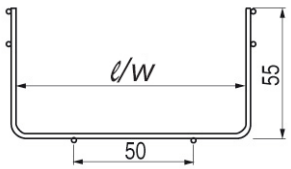
CPS selon CEI 61537 Type III
SWL according to CEI 61537 Type III

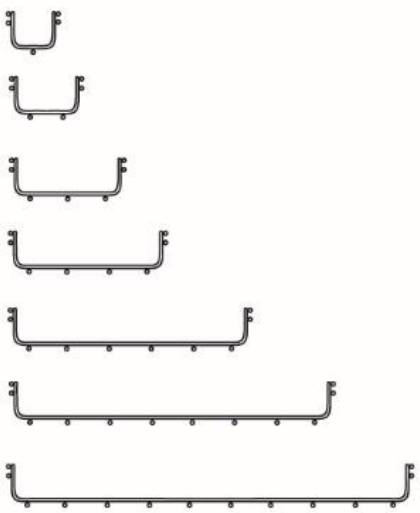
UF H54

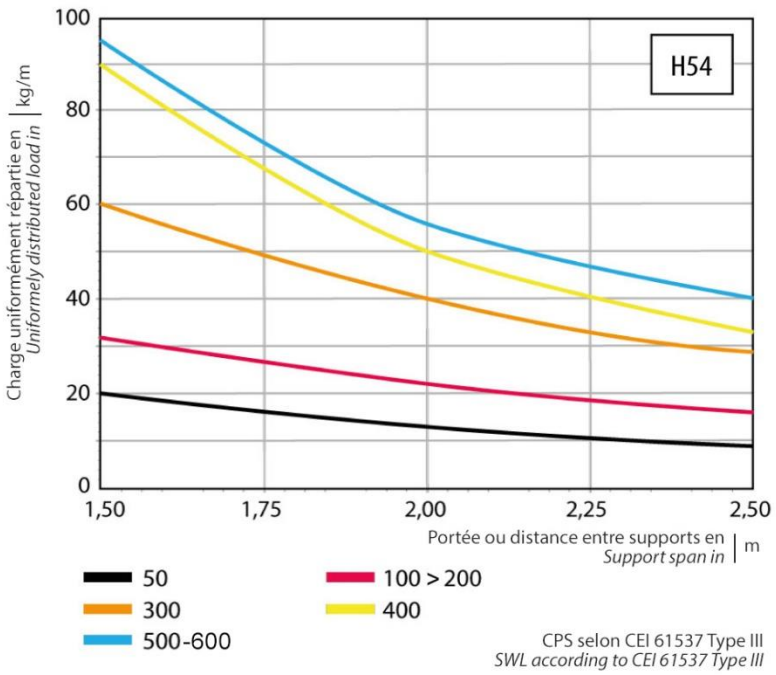
	m	Désignation	Code	Masse kg/ml
I2	3	UF 54x50 I2	**549535**	0.630
	3	UF 54x100 I2	**549536**	0.775
	3	UF 54x150 I2	**549537**	0.920
	3	UF 54x200 I2	**549538**	1.065
	3	UF 54x300 I2	**549539**	2.072
	3	UF 54x400 I2	**549540**	2.515
	3	UF 54x500 I2	**549541**	2.958
	3	UF 54x600 I2	**549542**	3.401



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

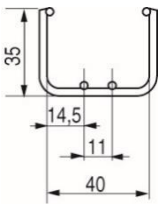


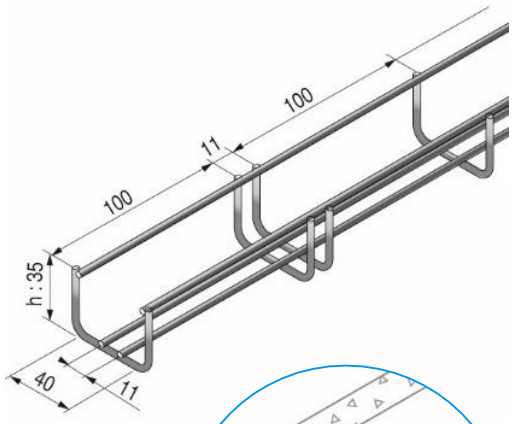




UF TELEX H35

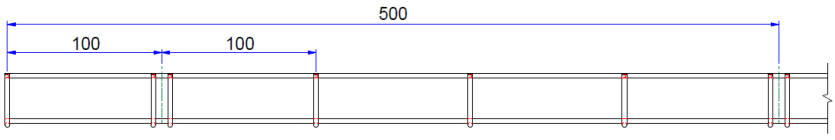
	m	Désignation	Code	Masse kg/ml
I2	3	UFT 35x35 I2	**549298**	0.350

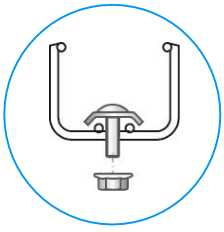


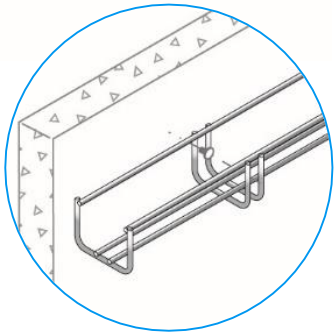


Exclusif

- 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** (∅ 6 ou 8 mm)
- Ne nécessite **pas de supports**



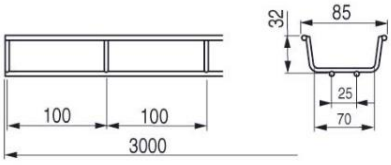


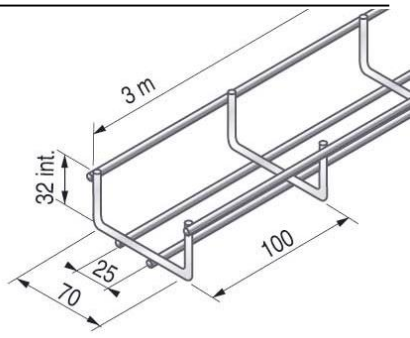


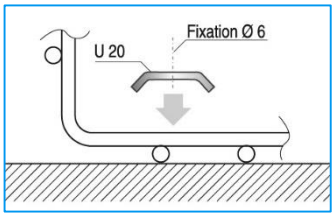
UF70 – H30

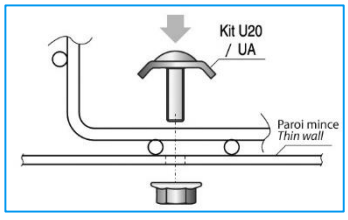
	m	Désignation	Code	Masse kg/ml
I2	3	UF 30x70 I2	**549299**	0.510

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





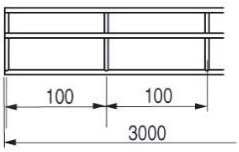


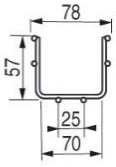


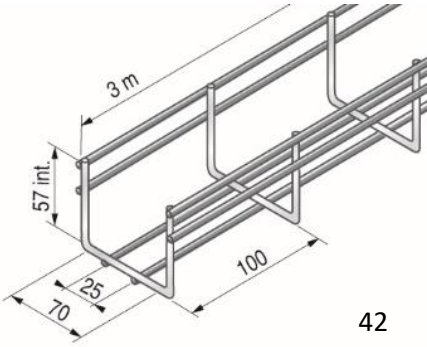
UF70 – H54

	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

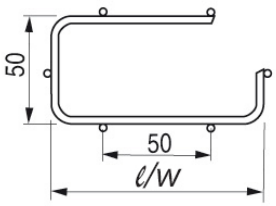


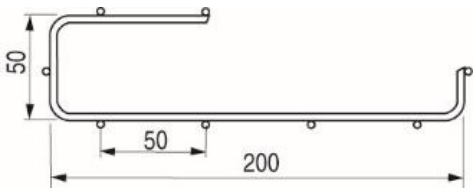




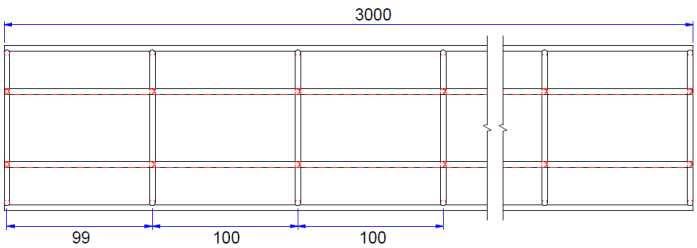
UFG 50

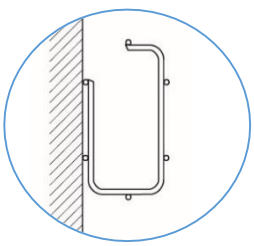
	m	Désignation	Code	Masse kg/ml
I3	3	UFG 50x100 I3	**550236**	0.825
	3	UFG 50x200 I3	**550238**	1.146

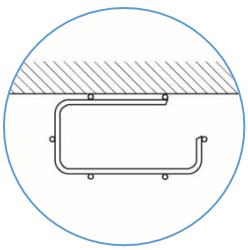




Fixation directe murale ou plafond sans console



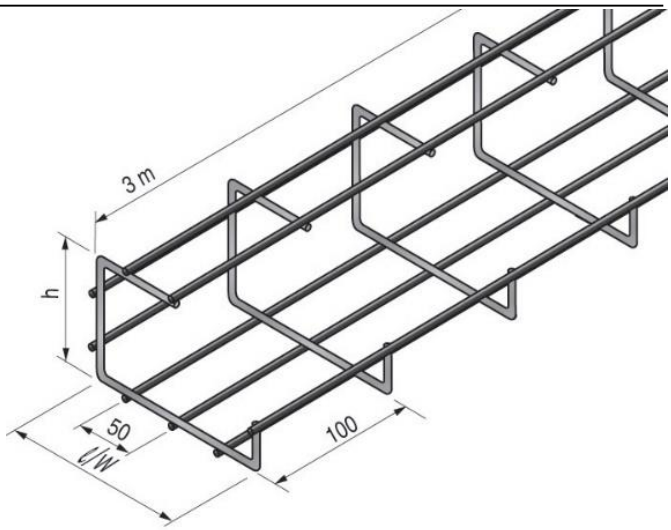


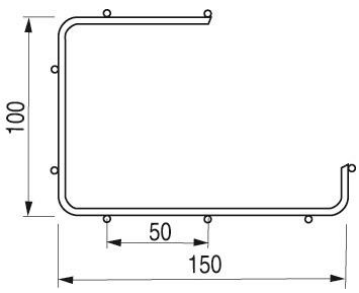


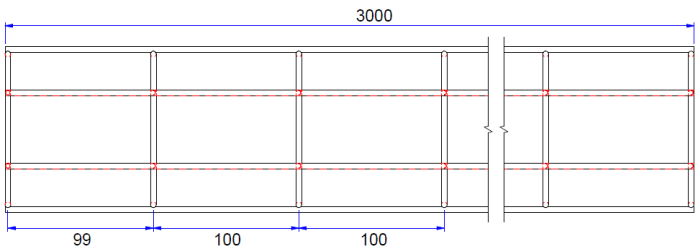
UFG 100

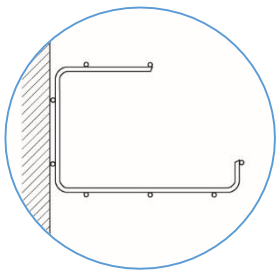
	m	Désignation	Code	Masse kg/ml
I3	3	UFG 100x150 I3	**550239**	1.492

Fixation directe murale ou plafond sans console









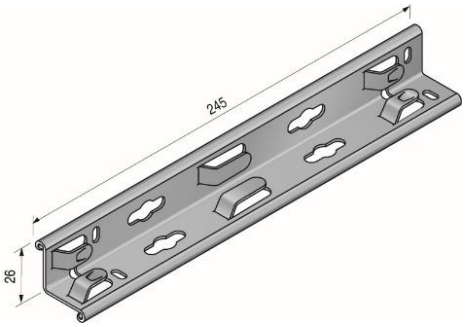
ÉCLISSES ERU 3

Eclisse multifonction sans boulons :

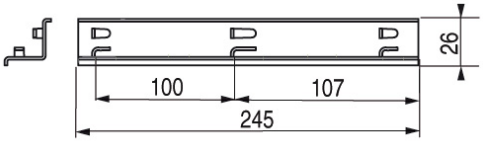
- Eclissage
- Supports de borne
- Suspension par tige filetée ∅ 6-8 mm
- Compatible avec montage contre paroi

Avantages :

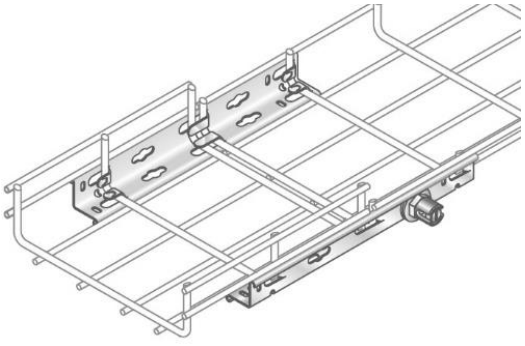
- Résistance accrue par sa forte épaisseur
- Sécurité et rapidité grâce aux ergots anti-retour
- Verrouillage à l'aide d'un simple tournevis

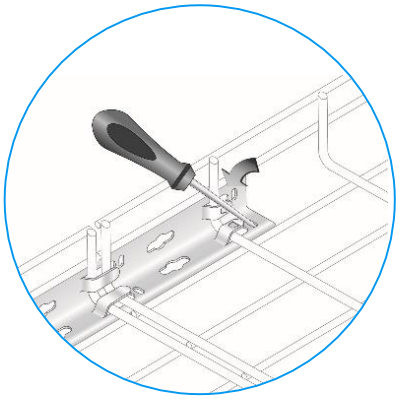


	p	Désignation	Code	Masse kg/p
I2	50	ERU3 I2	**554136**	0.153



	p	Désignation	Code	Masse kg/p
I3	50	ERU3 I3	**555136**	0.191

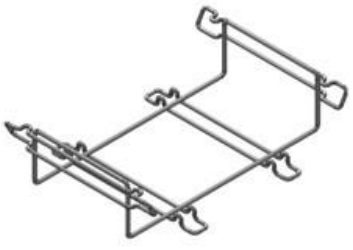




ÉCLISSE AUTOMATIQUE MTCQC

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

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



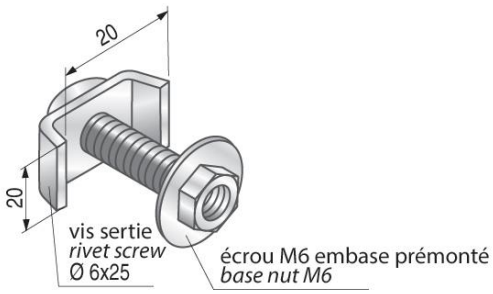
ÉCLISSE KU20

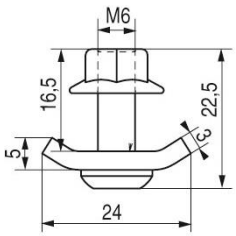
Eclisse gain de temps, pour assemblage droits, virages, tés et croix :

- 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

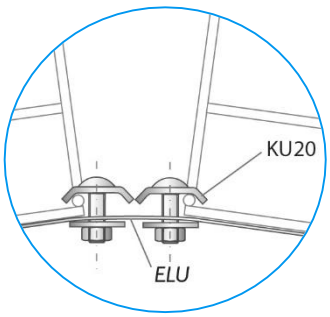
	p	Désignation	Code	Masse kg/p
I2	50	KU20 I2	**554134**	0.020

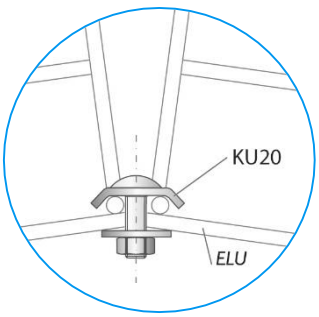
	p	Désignation	Code	Masse kg/p
I3	50	KU20 I3	**555134**	0.020

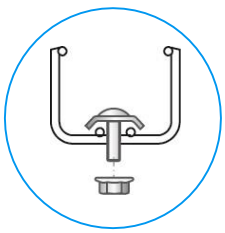


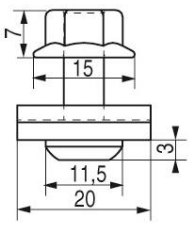


Recommandée en sécurisation du fond pour des largeurs sup. à 300 mm







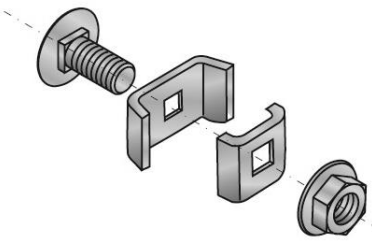


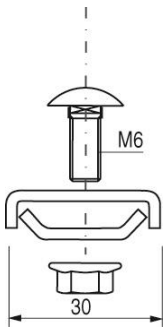
ÉCLISSE KIT U20 - U30

Eclisse pour assemblages droits, virages, tés et croix

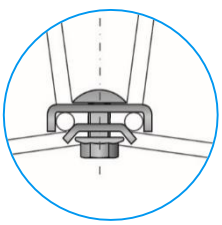
	p	Désignation	Code	Masse kg/p
I2	50	KIT U20/U30 I2	**554050**	0.024

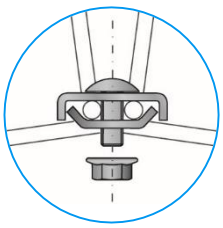
	p	Désignation	Code	Masse kg/p
I3	50	KIT U20/U30 I3	**555050**	0.024

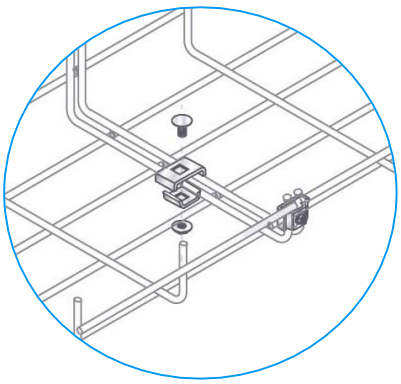


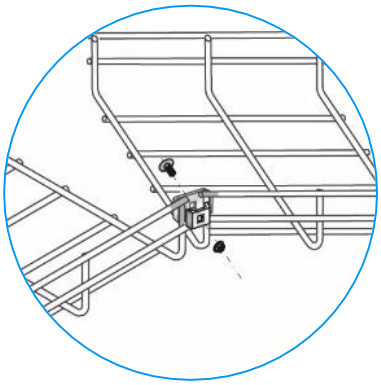


Recommandée en sécurisation du fond pour des largeurs sup. à 300 mm







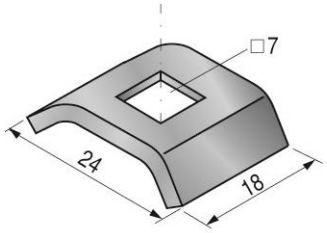


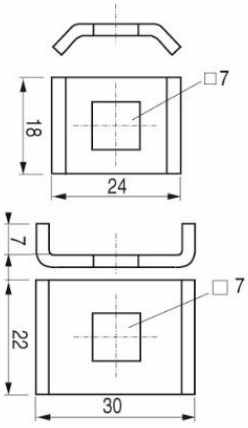
ÉCLISSES U20 - U30

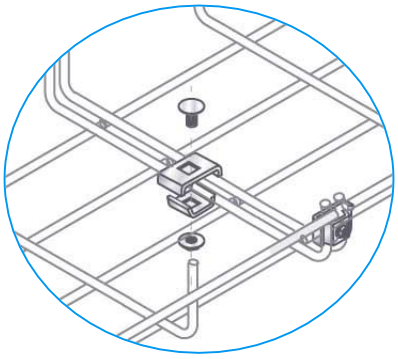
Éclisse pour assemblages droits, virages, tés et croix

	p	Désignation	Code	Masse kg/p
I2	50	U20 I2	**554042**	0.006
	50	U30 I2	**554043**	0.015

	p	Désignation	Code	Masse kg/p
I3	50	U20 I3	**555042**	0.006
	50	U30 I3	**555043**	0.015





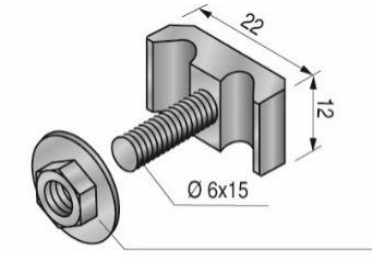


Prévoir boulon TRCC M6x20
Voir aussi : **Kit U20/U30**
Recommandée en sécurisation de fond pour les largeurs supérieures à 300 mm

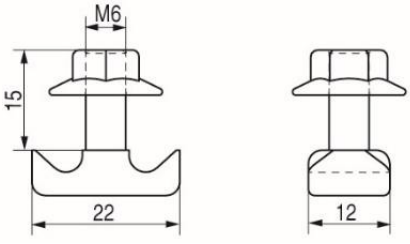
ÉCLISSE UA

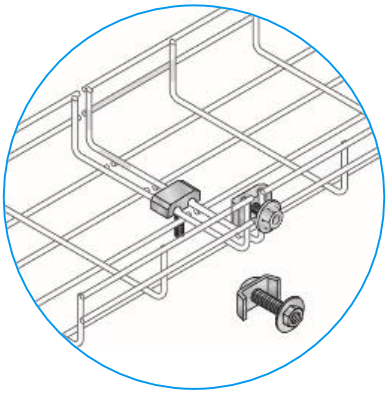
Éclisse pour assemblages droits, virages, tés et croix

	p	Désignation	Code	Masse kg/p
I3	50	UA I3	**555121**	0,012



Voir aussi : **Kit U20/U30**
Recommandée en sécurisation de fond pour les largeurs supérieures à 300 mm



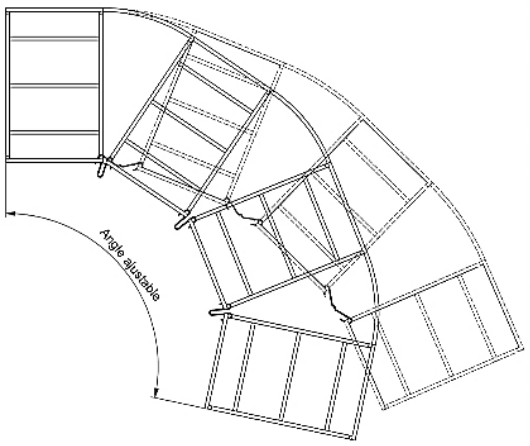


AGRAFES MTCA

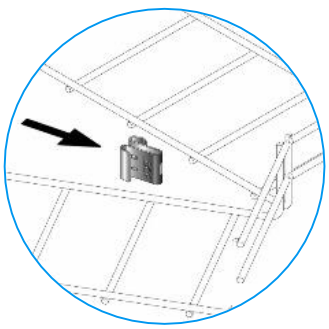
Fixation sans outils ni boulons

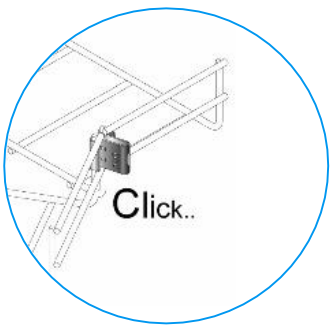
- Pour confection de virages sur chantier
- Ajustement simplifié de l'angle des virages
- Compatible gammes Standard et Automatique

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



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



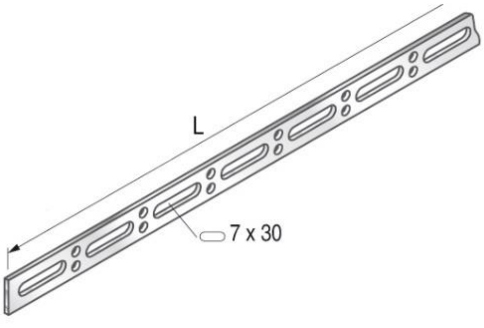


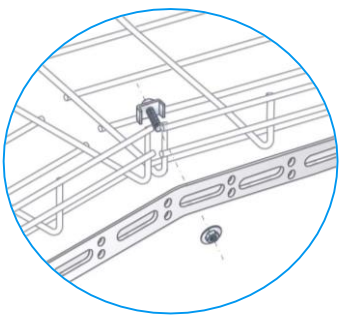
ÉCLISSES PLIABLES ELU

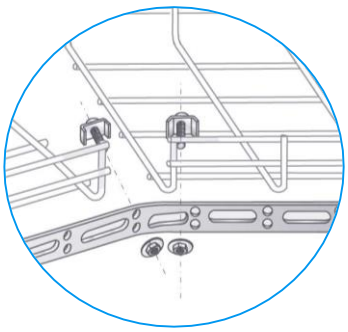
- Grande plage de réglage
- Assemblage sécurisé
- Fonctions et applications identiques à la **KU20**

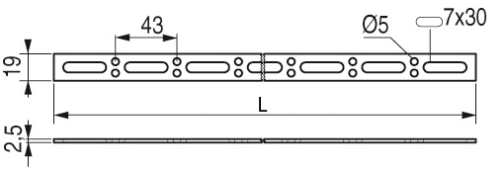
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	25	ELU 300 I2	**554038**	2.00	0.063
	25	ELU 600 I2	**554044**	2.00	0.130
	25	ELU 1200 I2	**554045**	2.00	0.259

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







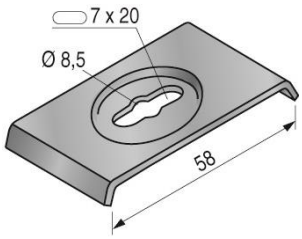


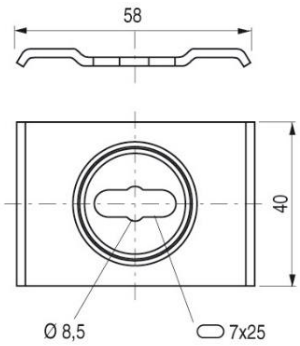
CLAME DE SUSPENSION U40

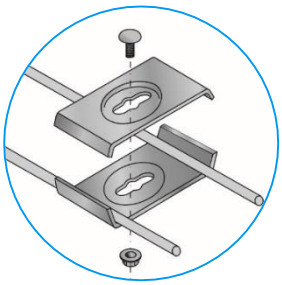
Pour assemblage de virages découpés ou suspente plafond
(Cf. page de montage « Réalisation de coudes petit rayon »)

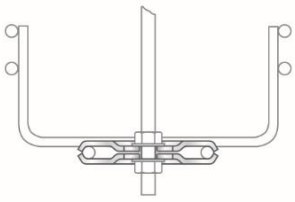
	p	Désignation	Code	Masse kg/p
I2	50	CLAME U40 I2	**554032**	0.040

	p	Désignation	Code	Masse kg/p
I3	50	CLAME U40 I3	**555032**	0.036





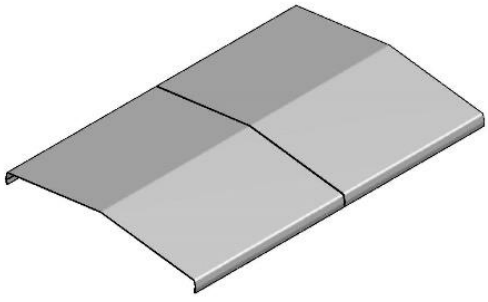


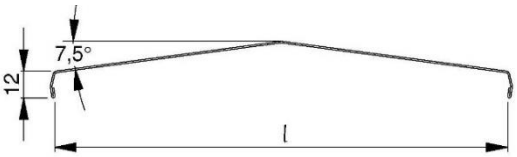


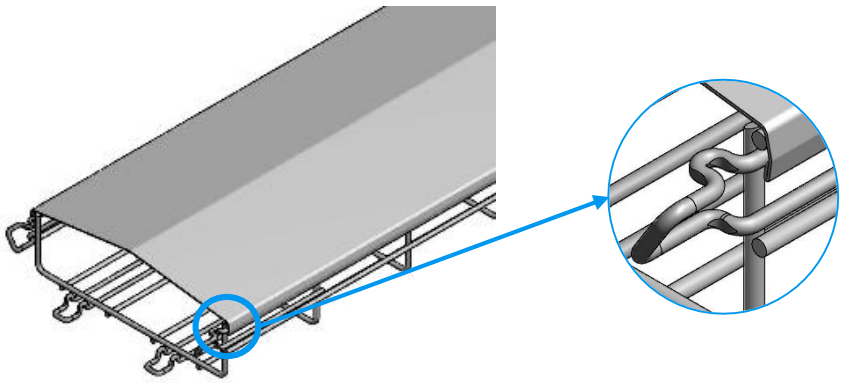
COUVERCLE AUTOMATIQUE MTCC

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

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

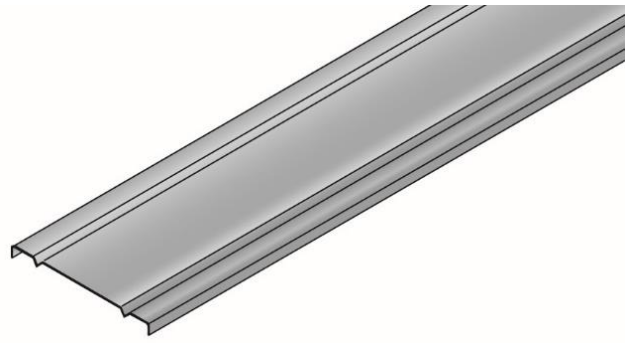




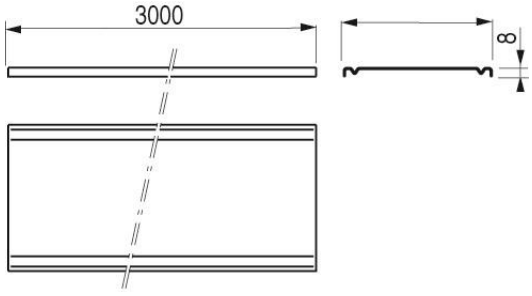


COUVERCLES NERVURES FIL

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



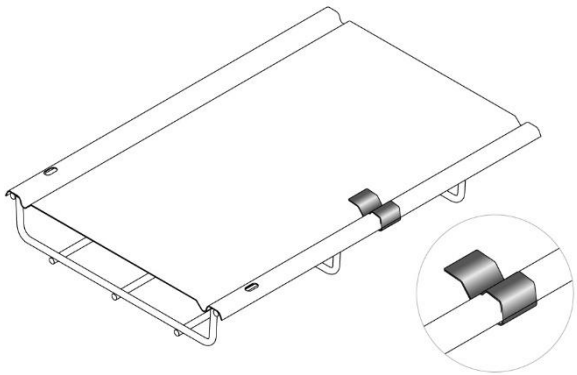
	m	Désignation	Code	l. mm	Masse kg/ml
I3	3	CO UF 50 I3	**550050**	64	0.553
	3	CO UF 100 I3	**550051**	113	0.902
	3	CO UF 150 I3	**550052**	163	1.222
	3	CO UF 200 I3	**550053**	214	1.542
	3	CO UF 300 I3	**550054**	316	2.182
	3	CO UF 400 I3	**550055**	418	3.528
	3	CO UF 500 I3	**550056**	518	4.328
	3	CO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



Prévoir 8 clips par longueur de 3m

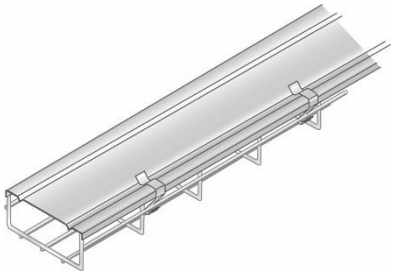
CLIPS UF 30

	p	Désignation	Code	Masse kg/p
I	20	CLIPS UF H30 INOX 301	**553058**	0.004



CLIPS UF 54 - 105

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

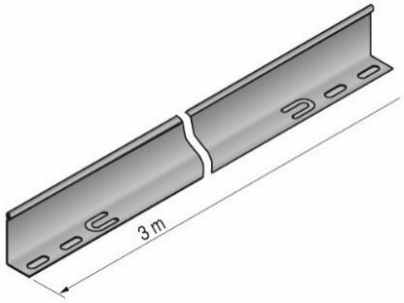


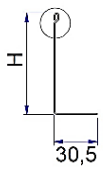
CORNIERES DE SÉPARATION UNIVERSELLE LPSU

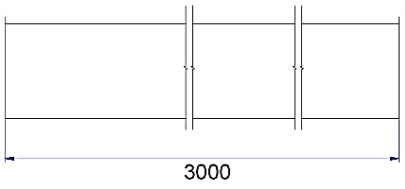
	m	Désignation	Code	H. mm	Masse kg/ml
I2	3	LPSU 24 I2	**549060**	24	0.300
	3	LPSU 48 I2	**549061**	48	0.470
	3	LPSU 72 I2	**549063**	72	0.678
	3	LPSU 96 I2	**549062**	96	0.950

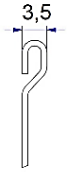
	m	Désignation	Code	H. mm	Masse kg/ml
I3	3	LPSU 24 I3	**550060**	24	0.300
	3	LPSU 48 I3	**550061**	48	0.510
	3	LPSU 72 I3	**550063**	72	0.678
	3	LPSU 96 I3	**550062**	96	0.810

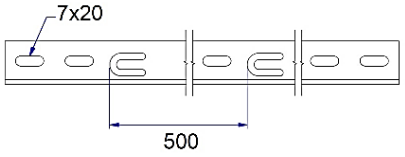
Verrouillage à l'aide d'un tournevis

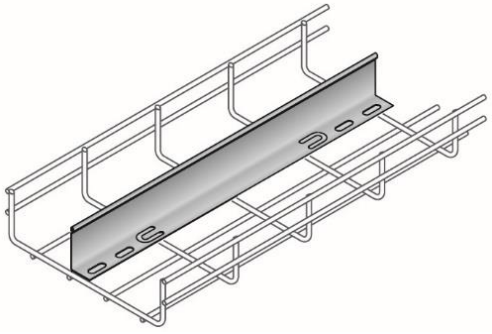








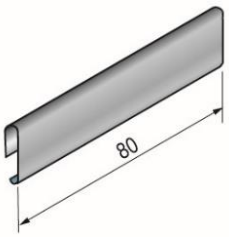


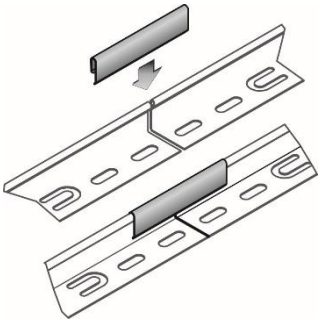


JONCTION DE CORNIERE LPSJ

	P	Désignation	Code	Masse kg/p
I2	25	LPSJ I2	**554143**	0.014

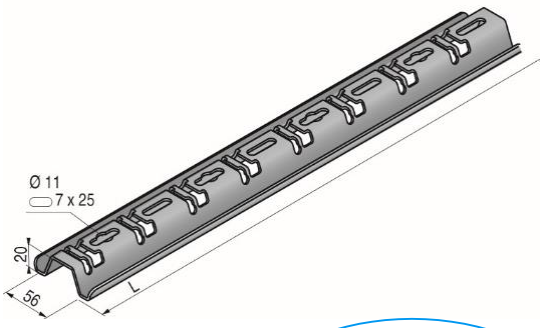
Pour cornières de séparation LPSU

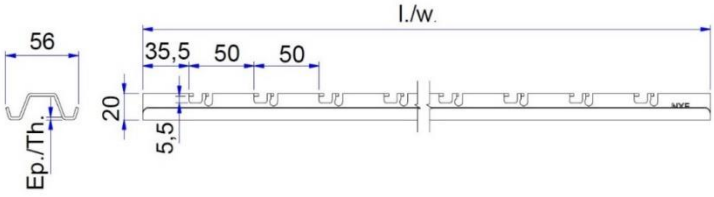


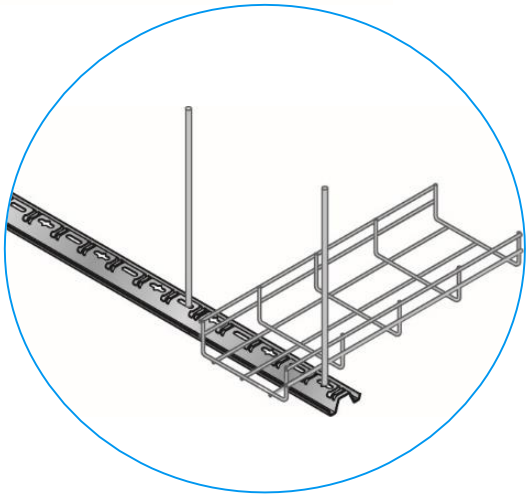


RAILS S100U AU METRE

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

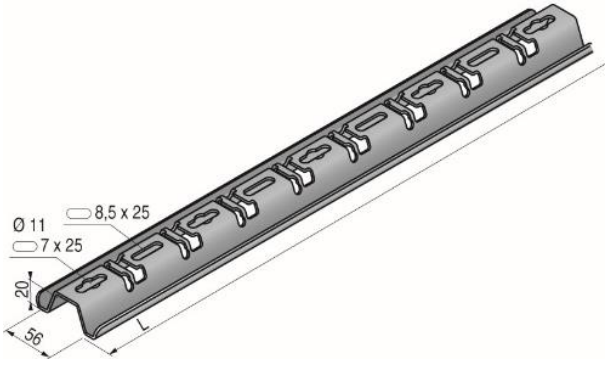


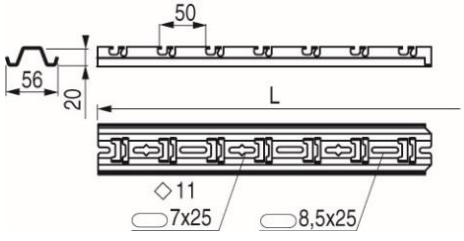


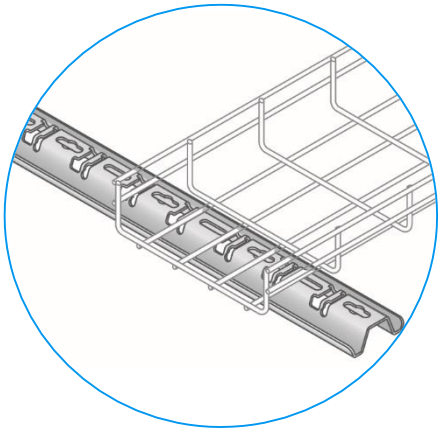


RAILS S100U A LA PIECE

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

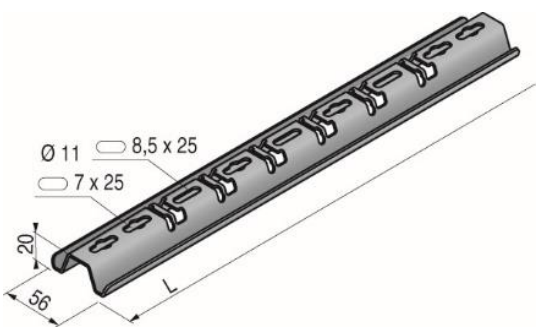


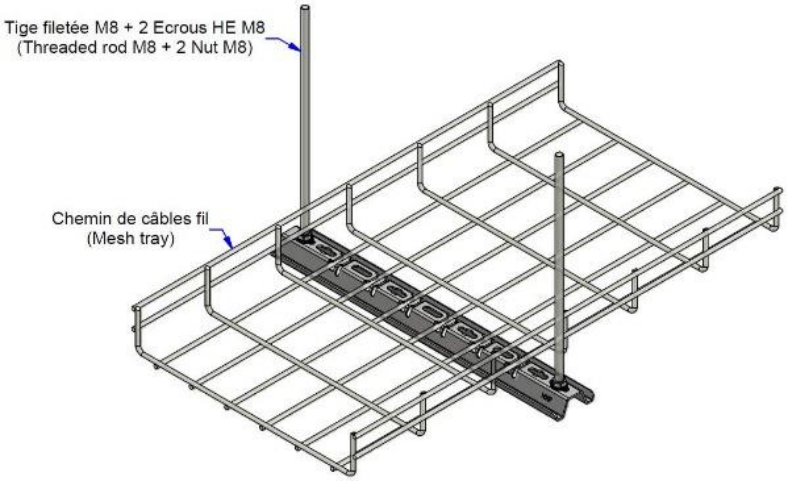


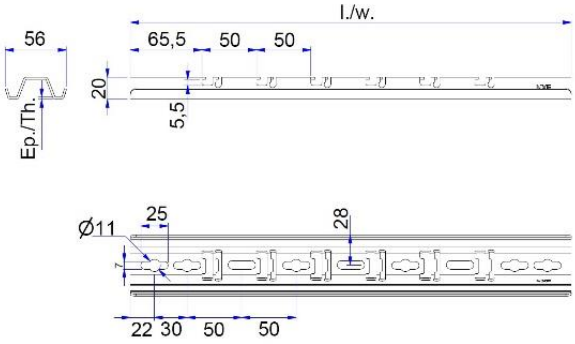


BALANCELLES S100U

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

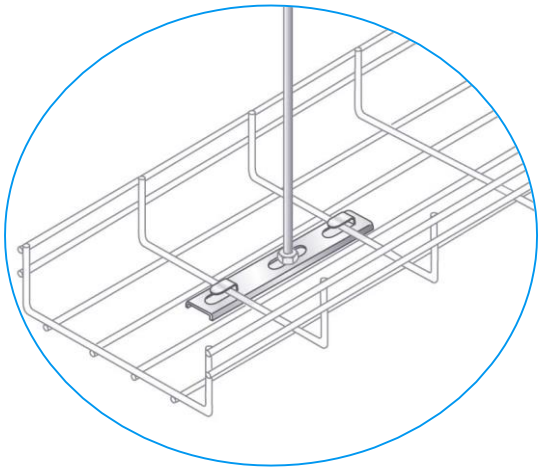


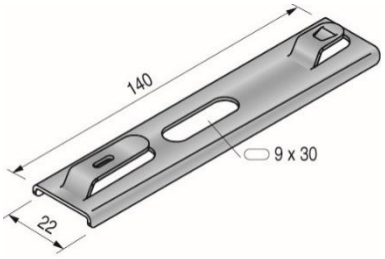


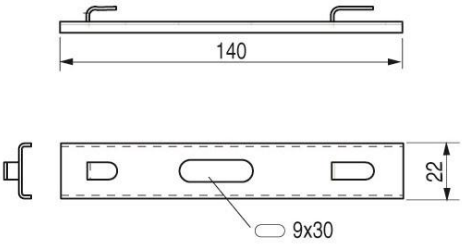


SUSPENTE RAPIDE SUR

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

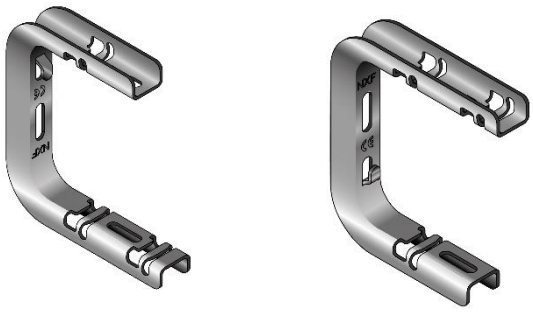




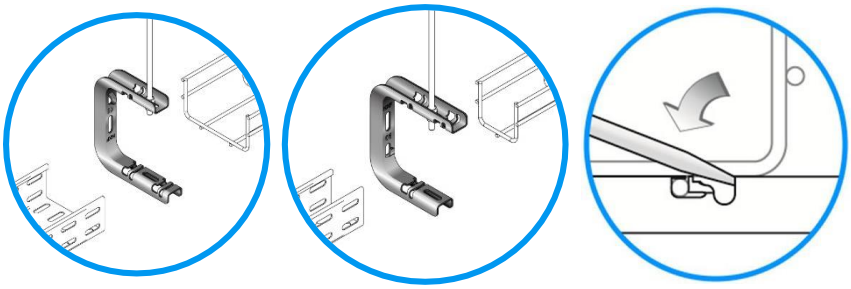


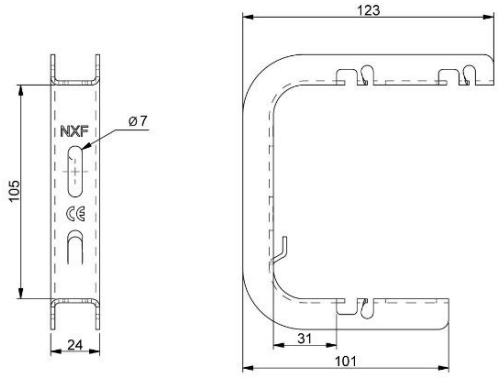
SUPPORTS SFT

	p	Désignation	Code	daN	Masse kg/p
I3	25	SFT 50 - 100	**750050**	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 ∅ 6mm au plafond



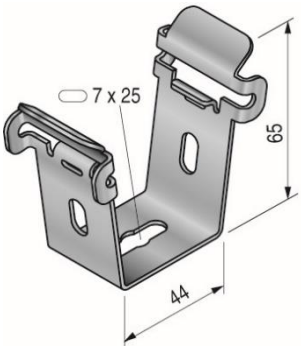


SUPPORT MULTIFONCTION SUL 50

Support central pour largeur 50 mm

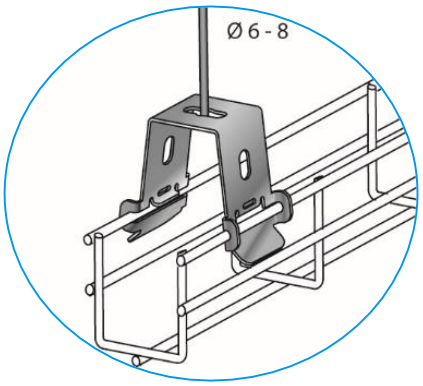
Rapide :
- Suspension par tige filetée M6-M8 ou câble
- Clipsable
- Mains libres
- Sans boulons
- Verrouillable

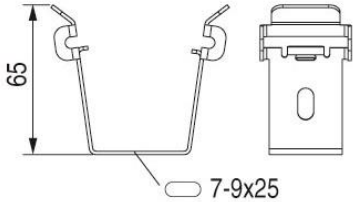
Multifonction
- Fixation directe plafond
- Fixation murale drapeau
- Fixation au sol
- Support d'appareillage



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

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

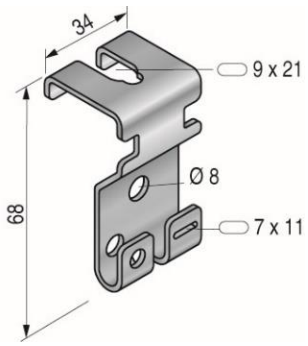


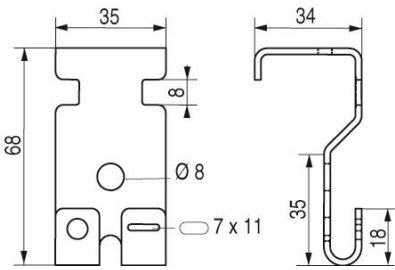


SUSPENTE UFA

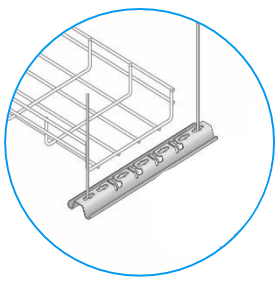
	p	Désignation	Code	daN	Masse kg/p
I2	20	UFA I2	**554033**	100	0.070

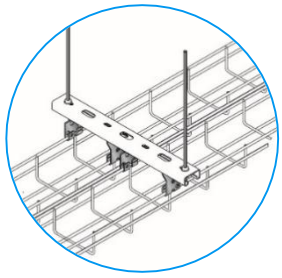
	p	Désignation	Code	daN	Masse kg/p
I3	20	UFA I3	**555033**	100	0.057

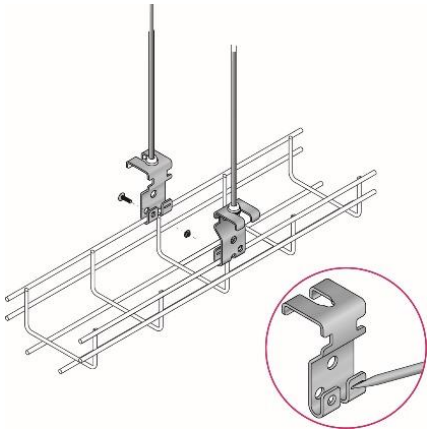




- Verrouillage à l'aide d'un tournevis
- Pour tiges filetées de diamètre 6 ou 8 mm
- Mains libres : la tige filetée ne peut se décrocher
- Sécurisation par TRL M6x30
- Se glisse dans le rail STRUT 41 pour suspension réglable



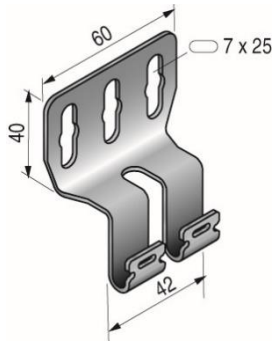




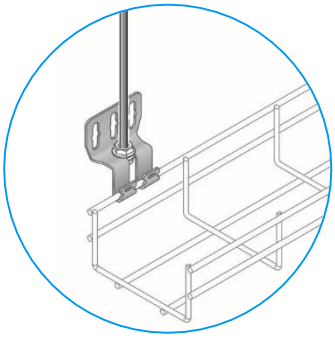
SUPPORT VERTICAL SV 50

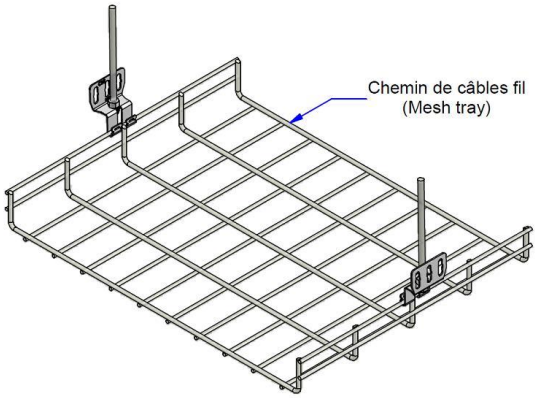
	p	Désignation	Code	Ep. mm	daN	Masse kg/p
I2	20	SV50 I2	**554141**	1.50	30	0.050

	p	Désignation	Code	Ep. mm	daN	Masse kg/p
I3	20	SV50 I3	**555141**	1.50	30	0.050



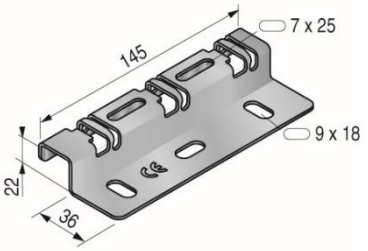
- Support vertical utilisable en suspension par tige filetée ∅ M6-M8
- Réglable en 3 positions
- Mains libres : blocage en translation

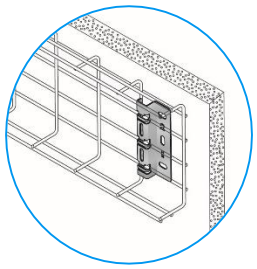


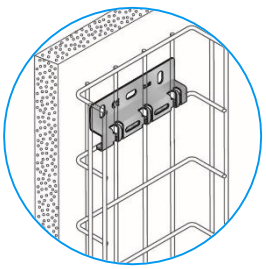


ZUF 150 U

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

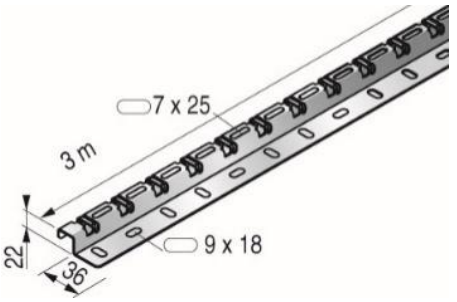


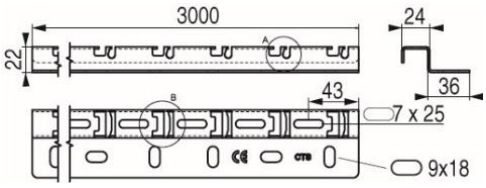




Z DE FIXATION ZUF 3M

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

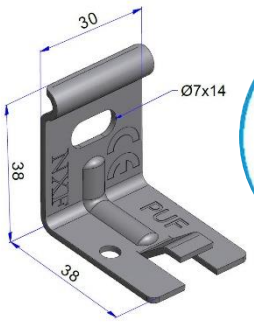




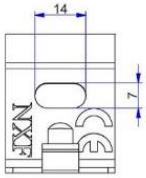
PATTE PUF

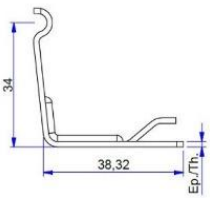
	p	Désignation	Code	daN	Masse kg/p
I2	50	PUF I2	**554036**	20	0.025

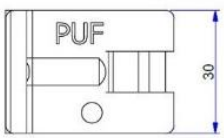
	p	Désignation	Code	daN	Masse kg/p
I3	50	PUF I3	**555036**	20	0.025

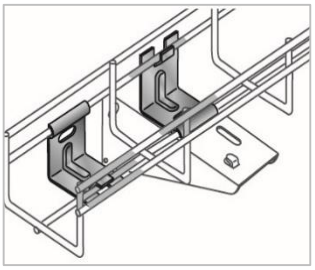


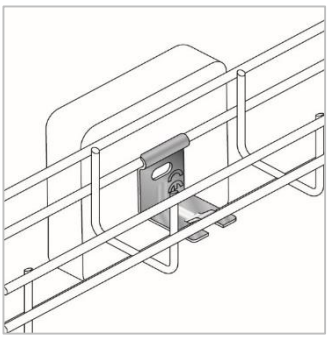
- Fixation directe sur paroi en largeur 50 mm et sur support de type rail STRUT 41 ou plot béton
- Fixation sur console jusque largeur 100 mm
- Fixation de boîtes ou accessoires





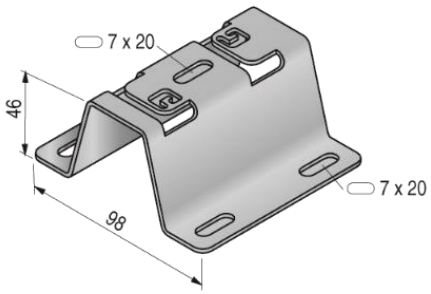




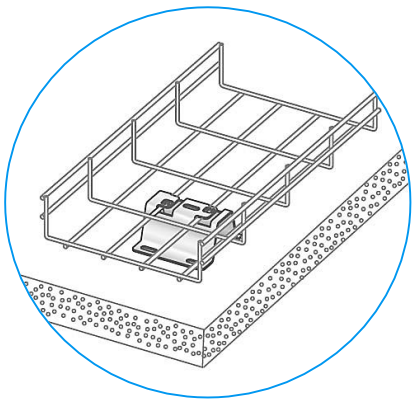


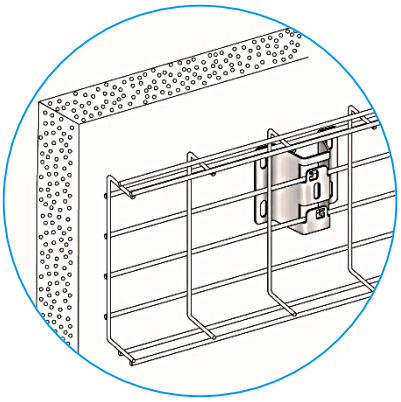
SH 100 – SUPPORT HORIZONTAL

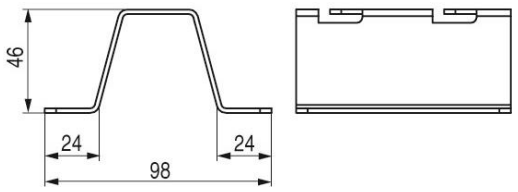
	p	Désignation	Code	Ep. mm	daN	Masse kg/p
I2	20	SH100 I2	**554142**	1.50	150	0.208



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



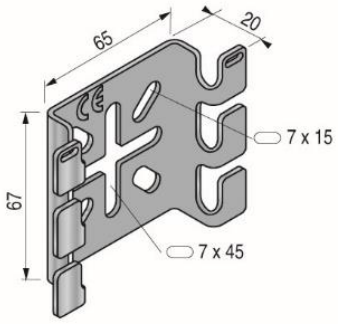




UFU – SUPPORT MULTIFONCTION

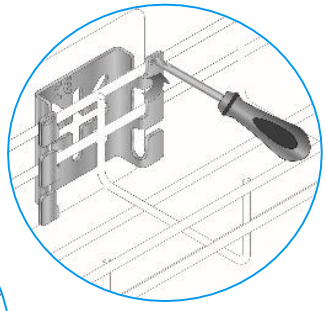
Accessoire multifonction, sûr et robuste, forte épaisseur, non agressif

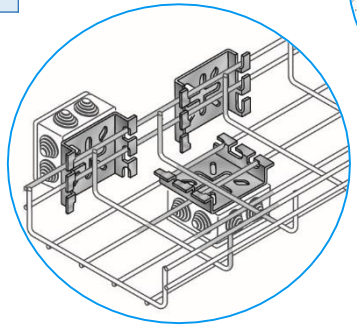
- Fixation murale
- Fixation au sol *(largeur 100mm maxi)*
- Fixation d'appareillage ou de boîtes
- Fixation de luminaires
- Verrouillage par tournevis

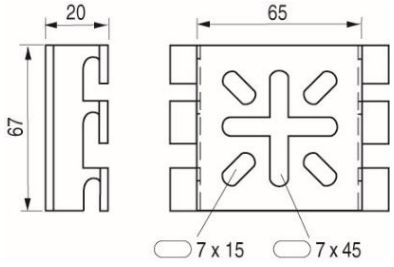


	p	Désignation	Code	daN	daN	Masse kg/p
I2	20	UFU I2	**554037**	100	100	0.086

	p	Désignation	Code	daN	daN	Masse kg/p
I3	20	UFU I3	**555037**	100	100	0.086

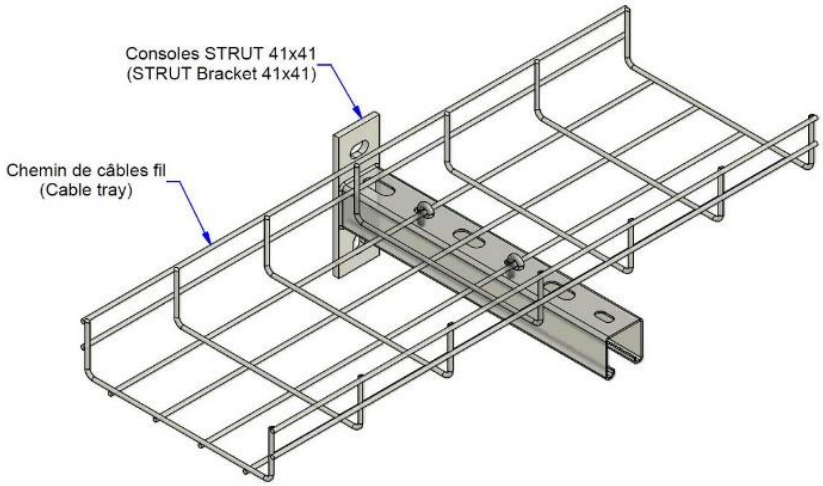


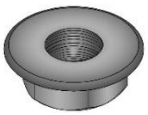


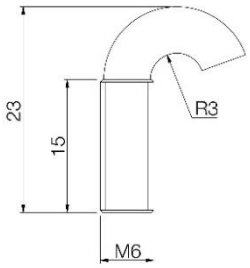


CROCHET GRSM.6

	p	Désignation	Code	Masse kg/100
I2	50	GRSM.6 I2	**703612**	1.200



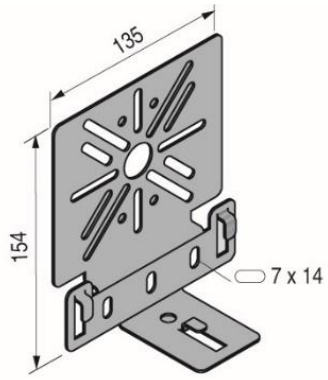




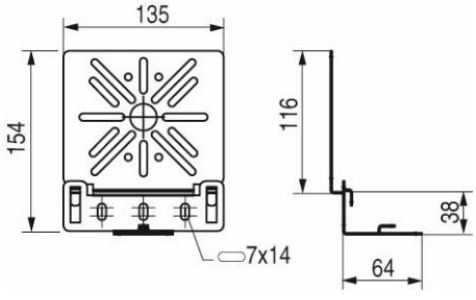
SUPPORT DE BOITE SBP

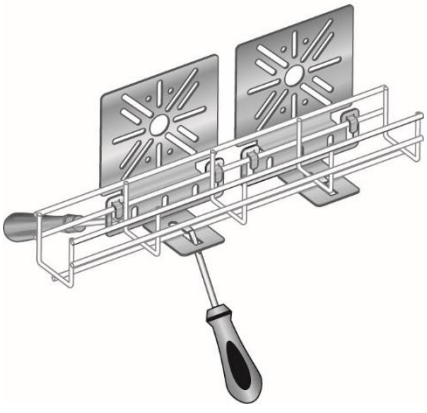
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	1	SBP I2	**554145**	1.00	0.173

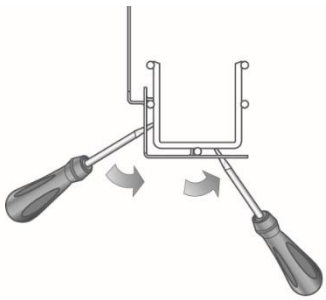
	p	Désignation	Code	Ep. mm	Masse kg/p
I3	1	SBP I3	**555145**	1.00	0.173



- **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



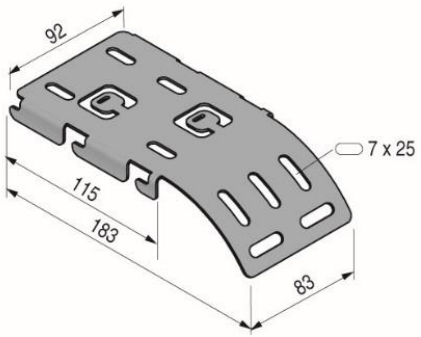


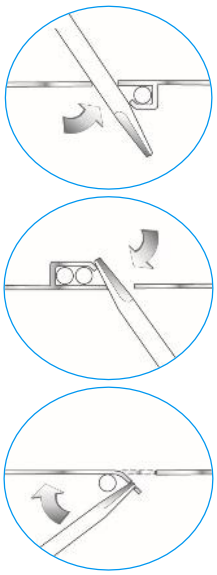


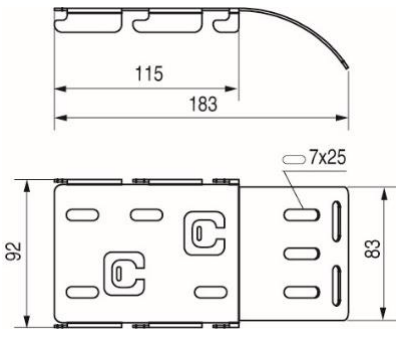
SORTIE DE CABLES SC

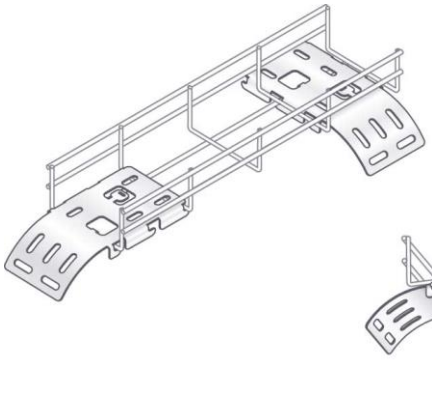
	p	Désignation	Code	Masse kg/p
I2	10	SC UF I2	**554144**	0.220

	p	Désignation	Code	Masse kg/p
I3	10	SC UF I3	**555144**	0.140



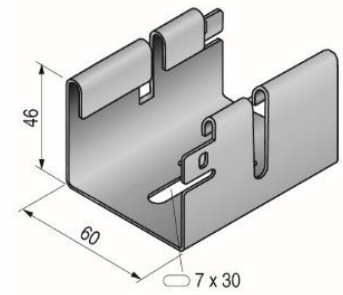


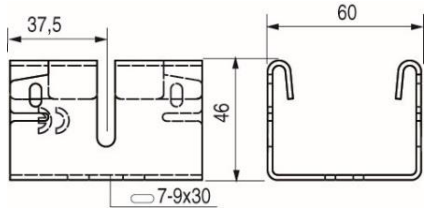


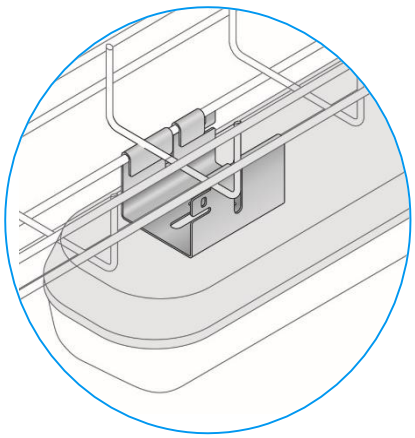


SLU 100 – SUPPORT DE LUMINAIRE

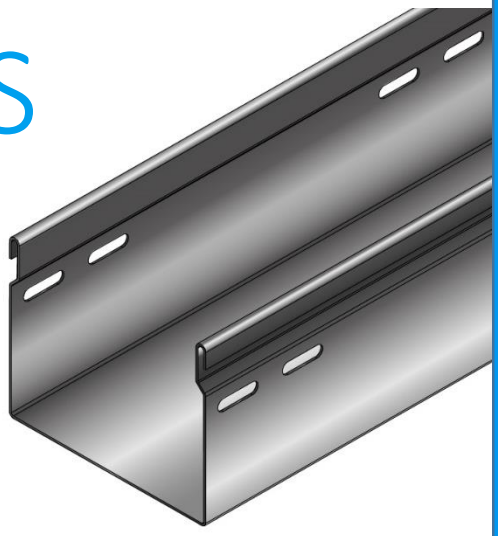
	p	Désignation	Code	Masse kg/p
I2	10	SLU 100 I2	**554146**	0.220







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

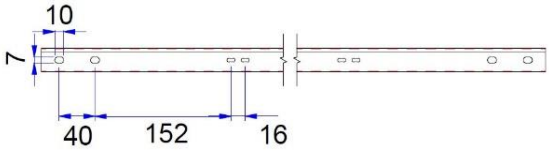
Passage des câbles > 2 mises en œuvre possibles :
→ Séparer les câbles de puissance et de communication en utilisant 2 goulottes
→ Poser une seule goulotte et utiliser une cornière de Séparation LPS pour séparer les câbles

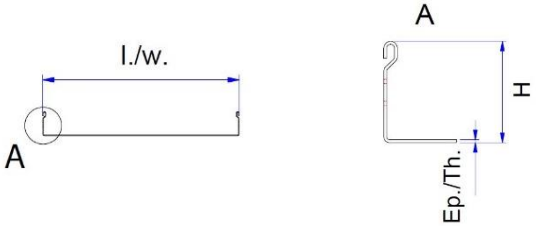
- Excellente protection mécanique
- Sécurité maximale pour les monteurs et pour les câbles : bords roulés fermés
- Clips de couvercle imperdables
- Rayons adaptés aux réseaux de fibre optique sur demande
- Continuité électrique selon les normes EN 500858
- Esthétique : permet de cacher les câbles
- Adaptable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

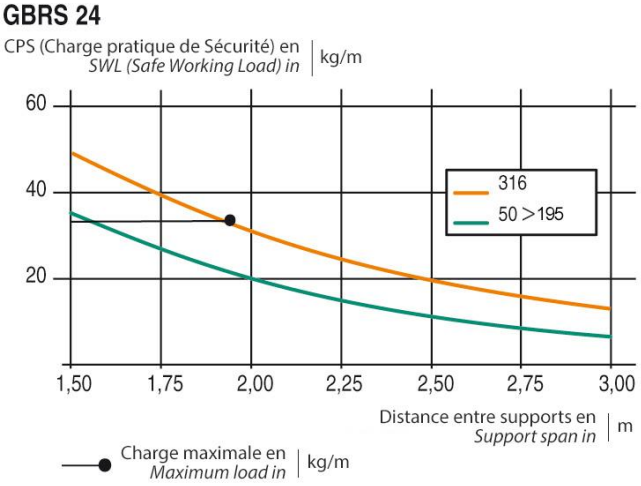
GBRS H24

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

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

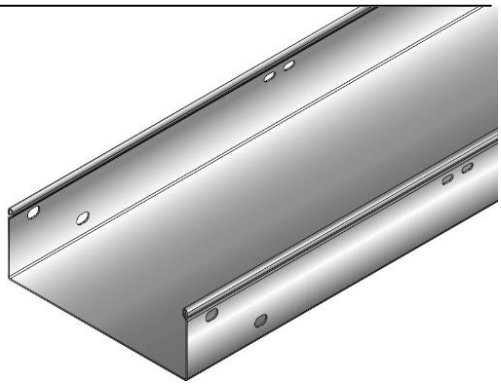




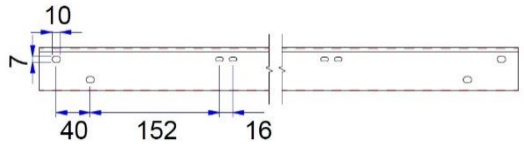


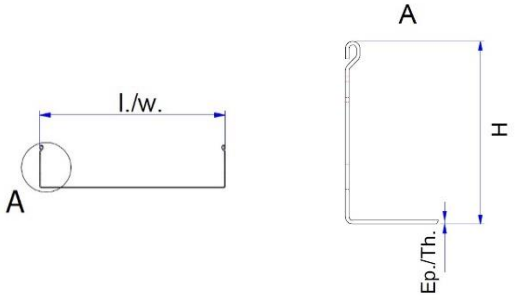
GBRS H48

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

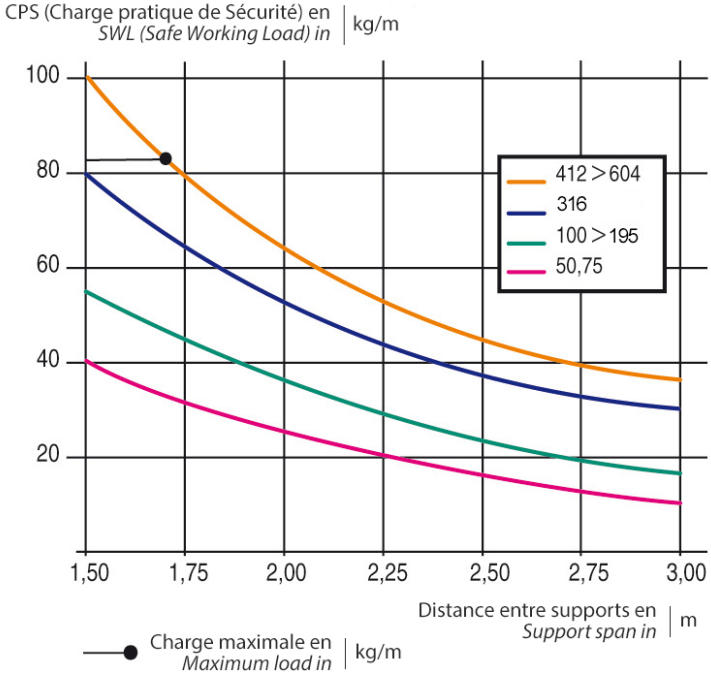


	m	Désignation	Code	Masse kg/ml
I3	3	GBRS 48x50 I3	**515015**	1.017
	3	GBRS 48x75 I3	**515016**	1.171
	3	GBRS 48x100 I3	**515017**	1.324
	3	GBRS 48x147 I3	**515019**	1.632
	3	GBRS 48x195 I3	**515021**	1.939
	3	GBRS 48x316 I3	**515024**	3.384
	3	GBRS 48x412 I3	**515026**	4.152
	3	GBRS 48x507 I3	**515028**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



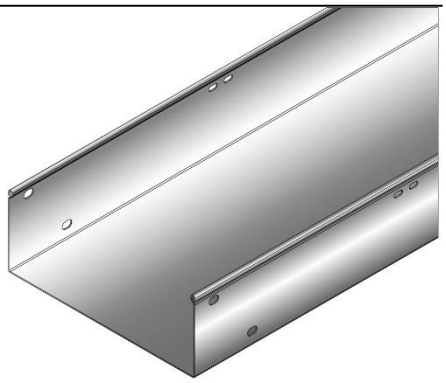


GBRS 48

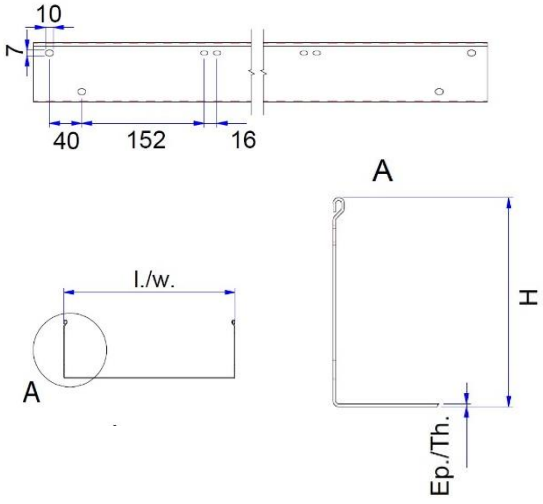


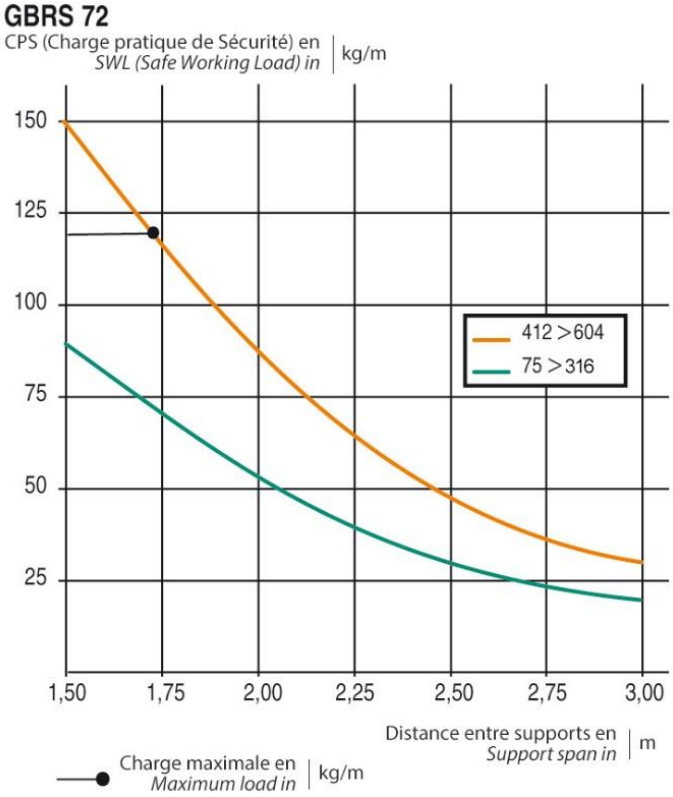
GBRS H72

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



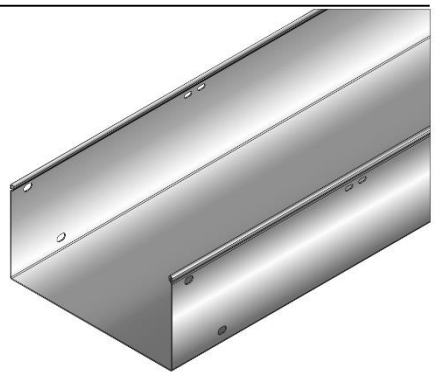
	m	Désignation	Code	Masse kg/ml
I3	3	GBRS 72x75 I3	**515029**	1.478
	3	GBRS 72x100 I3	**515030**	1.630
	3	GBRS 72x147 I3	**515032**	1.940
	3	GBRS 72x195 I3	**515034**	2.250
	3	GBRS 72x316 I3	**515037**	3.770
	3	GBRS 72x412 I3	**515039**	4.540
	3	GBRS 72x507 I3	**515041**	5.304



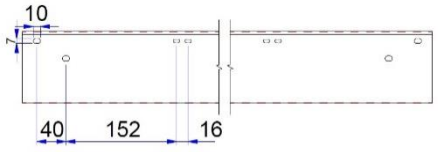


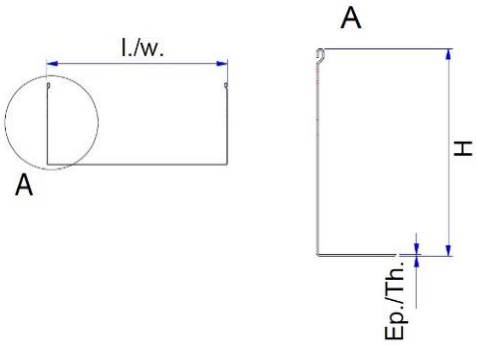
GBRS H96

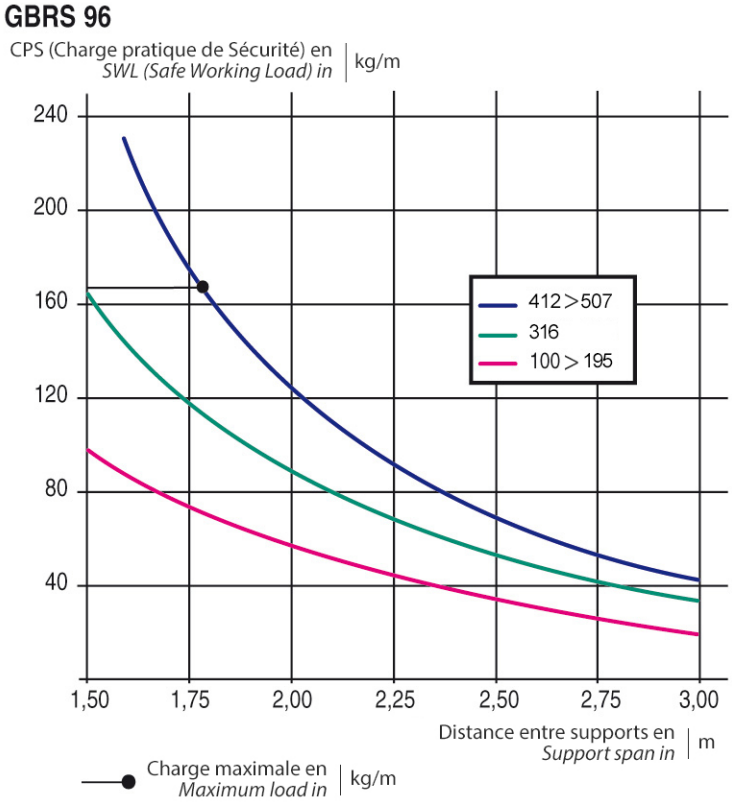
	m	Désignation	Code	Masse kg/ml
I2	3	GBRS 96x100 I2	**514042**	1.930
	3	GBRS 96x147 I2	**514044**	2.250
	3	GBRS 96x195 I2	**514046**	2.550
	3	GBRS 96x316 I2	**514049**	4.150
	3	GBRS 96x412 I2	**514051**	4.920
	3	GBRS 96x507 I2	**514053**	5.690



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



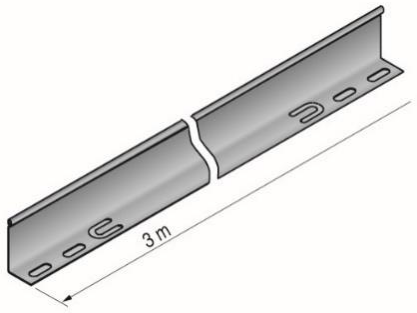


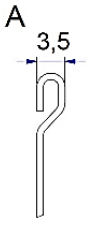


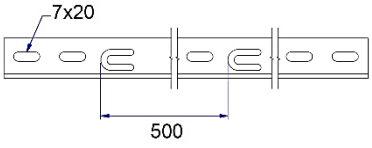
CORNIERES DE SÉPARATION UNIVERSELLE LPSU

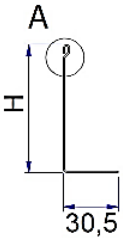
	m	Désignation	Code	H. mm	Masse kg/ml
I2	3	LPSU 24 I2	**549060**	24	0.300
	3	LPSU 48 I2	**549061**	48	0.470
	3	LPSU 72 I2	**549063**	72	0.678
	3	LPSU 96 I2	**549062**	96	0.950

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





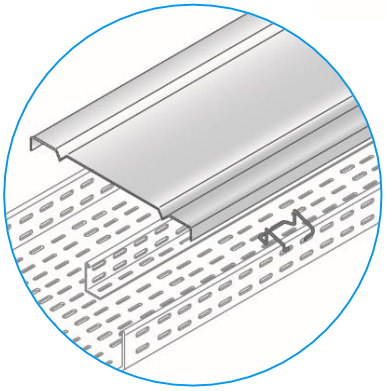




COUVERCLE NERVURÉS

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

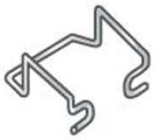
	m	Désignation	Code	Ep. mm	l. mm	Masse kg/ml
I3	3	CO NERV 50 I3	**418001**	0.80	50	0.439
	3	CO NERV 75 I3	**418002**	0.80	75	0.585
	3	CO NERV 100 I3	**418003**	0.80	100	0.740
	3	CO NERV 147 I3	**418005**	0.80	147	1.088
	3	CO NERV 195 I3	**418007**	0.80	195	1.350
	3	CO NERV 316 I3	**418010**	0.80	316	2.118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



CLIPS RS

	p	Désignation	Code	Masse kg/100
I	20	CLIPS RS INOX	**645024**	0.500

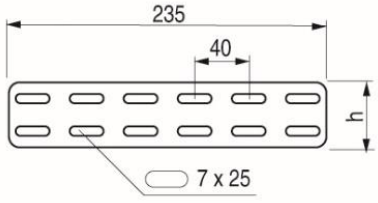
Prévoir 8 clips par longueur de 3m.



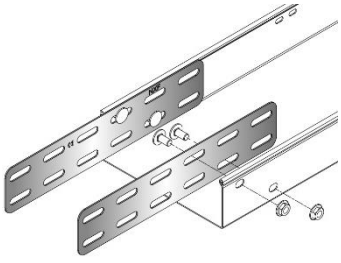
ÉCLISSES PLATES EP

	p	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

	p	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



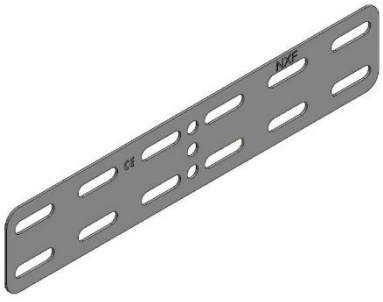
Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*

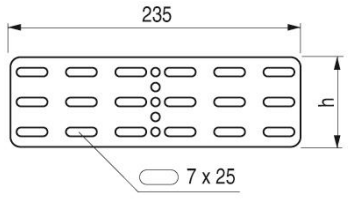


ÉCLISSES PLIABLES ED

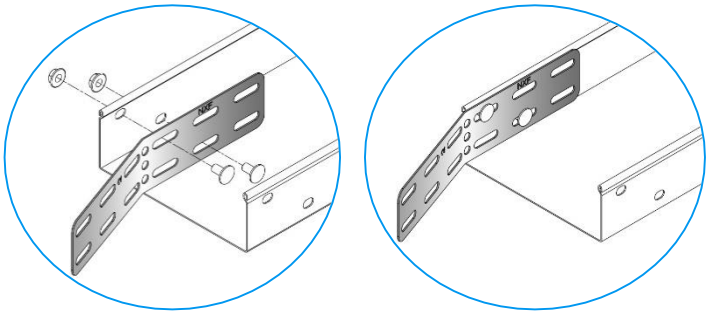
	p	Désignation	Code	Ep. mm	H. mm	Masse kg/p
I2	50	ED 24 I2	**408024**	1.00	22	0.032
	50	ED 48 I2	**408016**	1.00	46	0.069
	50	ED 72 I2	**408017**	1.00	70	0.106
	50	ED 96 I2	**408018**	1.00	94	0.142

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





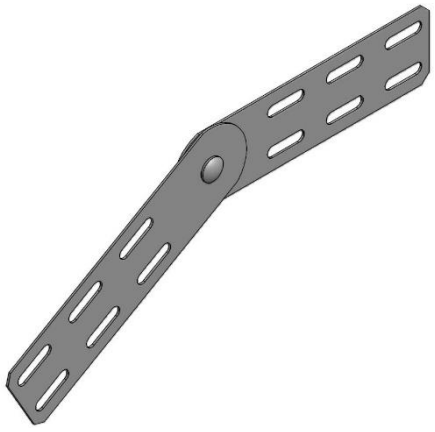
Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*



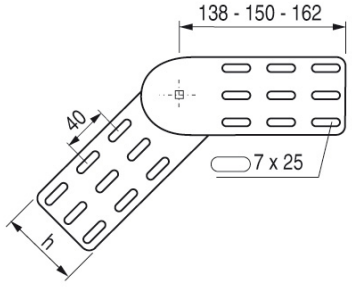
ÉCLISSES ARTICULÉES EA

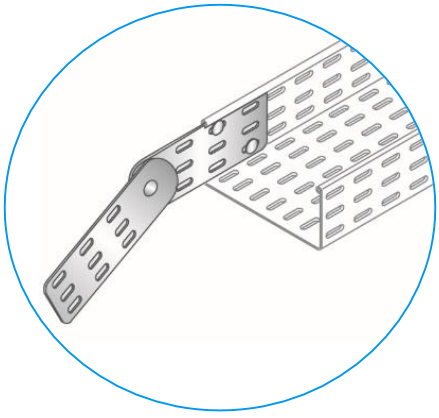
	p	Désignation	Code	H. mm	Masse kg/p
I2	50	EA 24/27 I2	**408005**	22	0.070
	50	EA 48/51 I2	**408006**	46	0.150
	50	EA 72/75 I2	**408007**	70	0.260
	50	EA 96/99 I2	**408008**	94	0.370

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

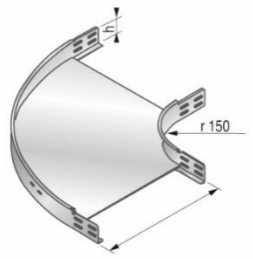
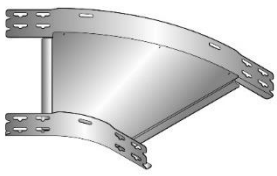
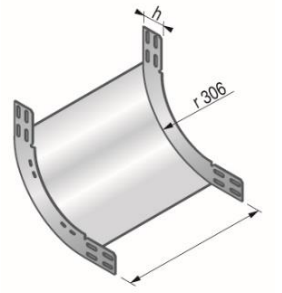
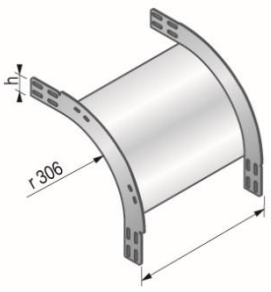
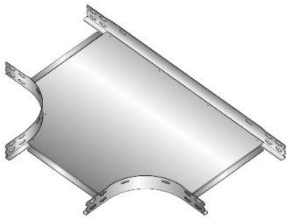
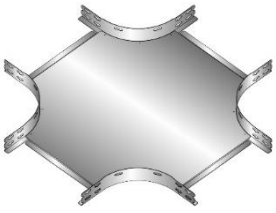


Fixation par 4 boulons poêliers TRCC M6x12 par éclisse *réf. 529001*

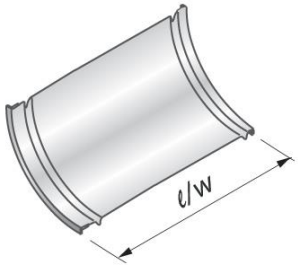
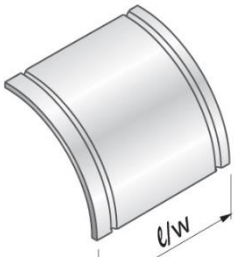
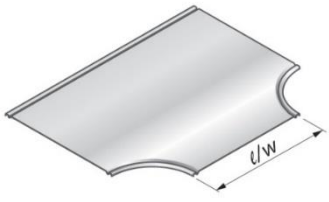




ÉLÉMENTS DE RACCORDEMENT : sur demande

VIRAGES 90°	VIRAGES 135°	CONCAVES	CONVEXES
			
			
TES	SORTIES LATERALES	CROIX	

COUVERCLES ÉLÉMENTS DE RACCORDEMENT : sur demande

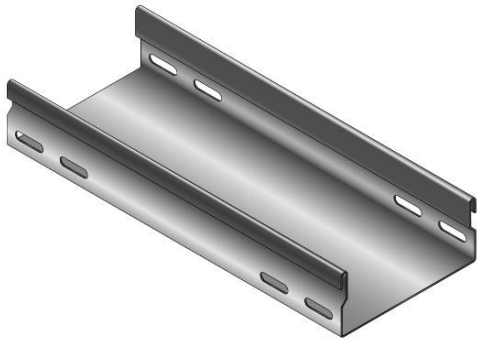
COUVERCLE VIRAGES 90°	COUVERCLE VIRAGES 135°	COUVERCLE CONCAVE	COUVERCLE CONVEXE
			
			
COUVERCLE TES	COUVERCLE SORTIES LATERALES	COUVERCLE CROIX	

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

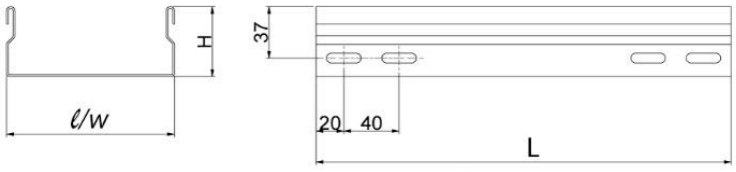
- Indice de protection IP40
- Economie à l'installation : moins de supports grâce à la résistance apportée par le profil
- Continuité électrique selon norme EN 50085
- Sur demande : autres dimensions

GRS H48

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

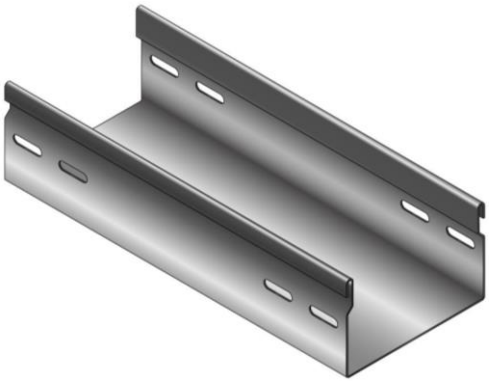


	m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
I3	3	GRS 48x48x0.80 I3	**227001**	1.070	0.80	48
	3	GRS 48x72x0.80 I3	**227002**	1.220	0.80	72
	3	GRS 48x96x0.80 I3	**227003**	1.370	0.80	96
	3	GRS 48x120x0.80 I3	**227004**	1.530	0.80	120
	3	GRS 48x144x0.80 I3	**227005**	1.680	0.80	144
	3	GRS 48x192x0.80 I3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

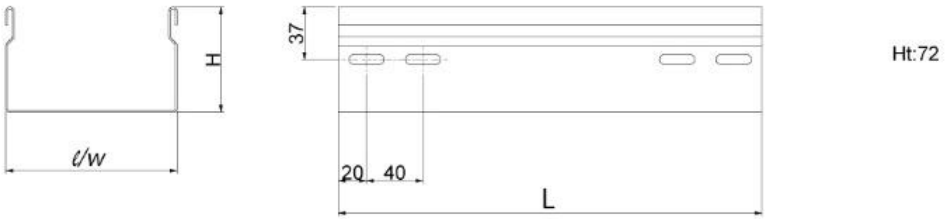


GRS H72

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

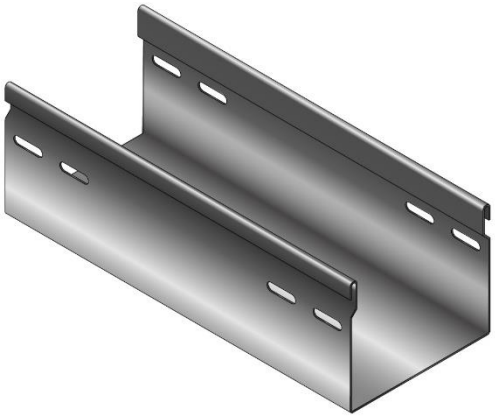


	m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
I3	3	GRS 72x72x0.80 I3	**227032**	1.520	0.80	72
	3	GRS 72x96x0.80 I3	**227033**	1.680	0.80	96
	3	GRS 72x120x0.80 I3	**227034**	1.820	0.80	120
	3	GRS 72x144x0.80 I3	**227035**	1.980	0.80	144
	3	GRS 72x192x0.80 I3	**227037**	2.290	0.80	192
	3	GRS 72x312x0.80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

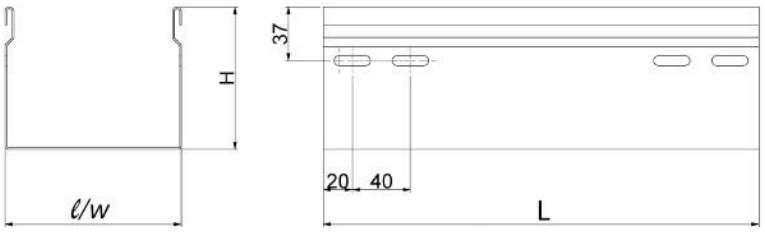


GRS H96

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

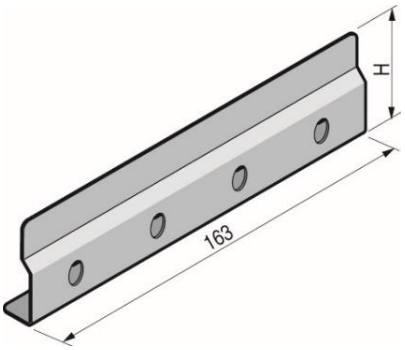


	m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
I3	3	GRS 96x96x0.80 I3	**227063**	1.980	0.80	96
	3	GRS 96x120x0.80 I3	**227064**	2.140	0.80	120
	3	GRS 96x144x0.80 I3	**227065**	2.290	0.80	144
	3	GRS 96x312x0.80 I3	**227072**	3.360	0.80	312
	3	GRS 96x408x1.00 I3	**227076**	4.960	1.00	408



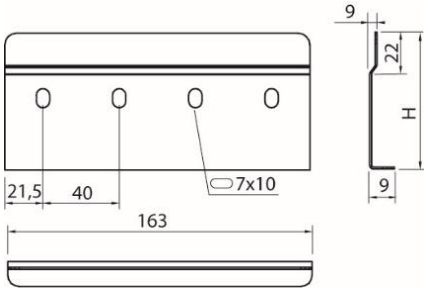
ÉCLISSES GRS

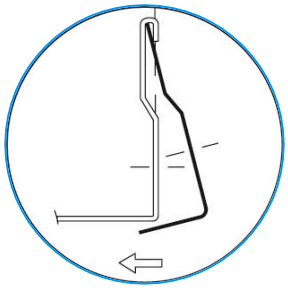
	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm
I2	20	EGRS 48 I2	**327901**	0.069	1.00	48
	20	EGRS 72 I2	**327902**	0.101	1.00	72
	20	EGRS 96 I2	**327903**	0.130	1.00	96

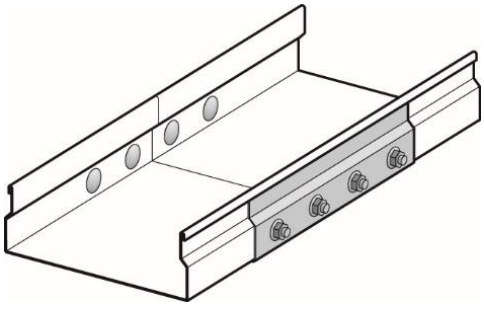


	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm
I3	20	EGRS 48 I3	**227901**	0.069	1.00	48
	20	EGRS 72 I3	**227902**	0.102	1.00	72
	20	EGRS 96 I3	**227903**	0.131	1.00	96

- Fixation par 4 Boulons Poêliers M6x12 *réf 529001*





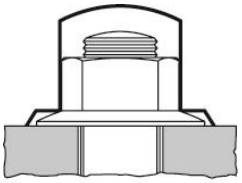


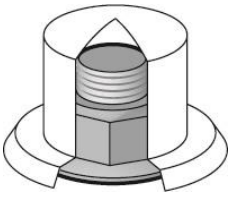
BOULON ET CACHE ÉCROU

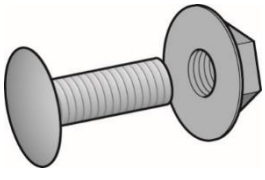
	p	Désignation	Code	Masse kg/100
I2	100	BP TRCC M6x12 HE A2/304	**030471**	0.800

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

	p	Désignation	Code	Masse kg/100
PVC	100	CACHE ECROU M6 PLASTIQUE NOIR	**085095**	0.005

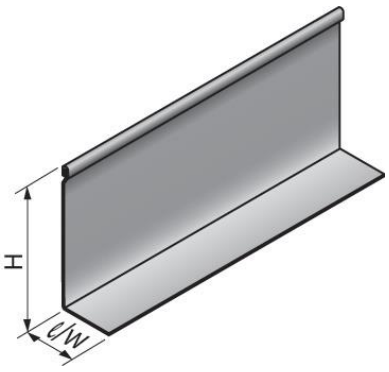




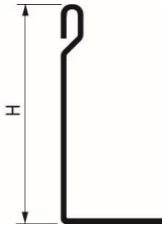


CORNIÈRES DE SÉPARATION LPS NP

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

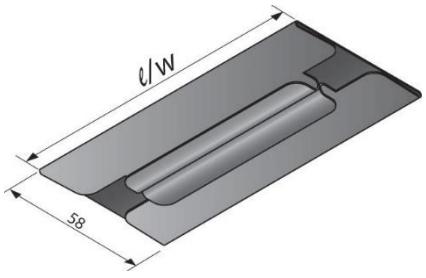


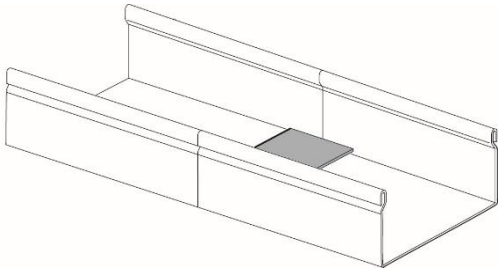
	m	Désignation	Code	Masse kg/ml	Ep. mm	H. mm
I3	3	CORN LPSNP H 48/ 51X0,80 3M I3	**214641**	0.480	0.80	48
	3	CORN LPSNP H 72/ 75X0,80 3M I3	**214642**	0.630	0.80	72
	3	CORN LPSNP H 96/ 99X0,80 3M I3	**214643**	0.810	0.80	96

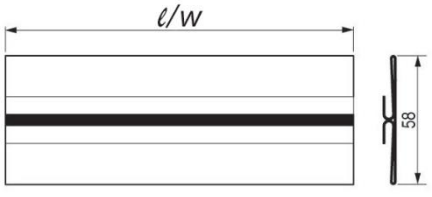


JONCTION DE FOND DE DALLE FD - GRS

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

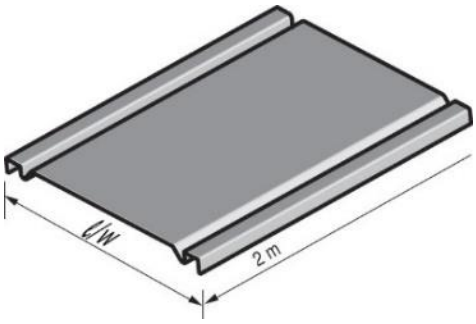




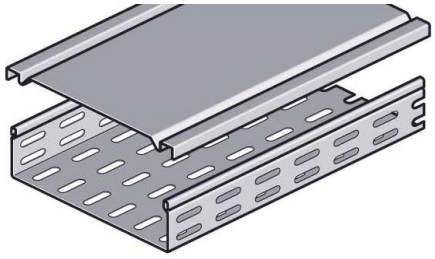


COUVERCLES CO2

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



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

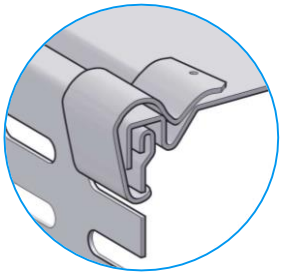


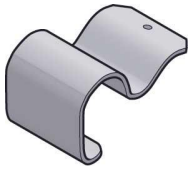
- Vis autotaraudeuses ou collier sur demande
- Option clips CO6 pour démontage avec outils
- Prévoir 6 clips tous les 2 m

CLIPS C03

	p	Désignation	Code	Masse kg/100
I	100	CLIPS CO3 INOX	**023450**	0.300

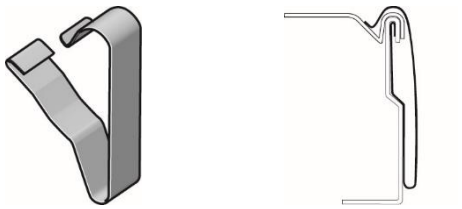
Prévoir 6 clips tous les 2 mètres





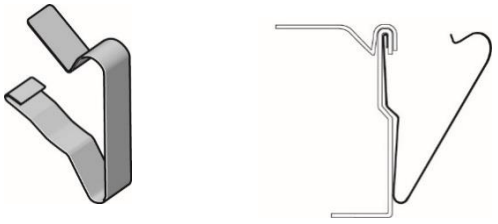
CLIPS IMPERDABLES C06

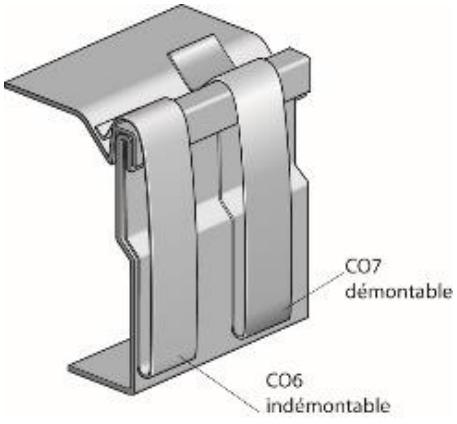
	p	Désignation	Code	Masse kg/100
I2	100	CLIPS CO6 IMPERDABLE INOX	**023454**	0.800



CLIPS IMPERDABLES C07

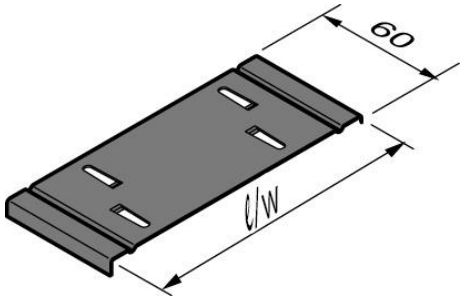
	p	Désignation	Code	Masse kg/100
I2	100	CLIPS CO7 IMPERDABLE INOX	**023455**	0.900

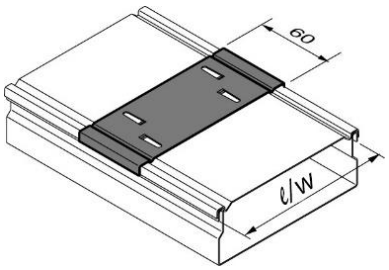




JONCTIONS DE COUVERCLE CO2 CEM

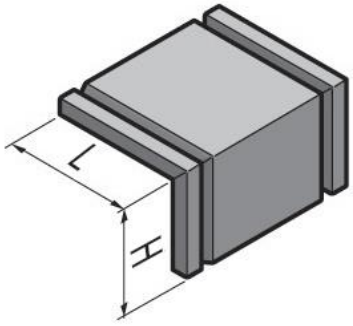
	p	Désignation	Code	Masse kg/p
I2	1	JONCTION CO2 CEM 51 I2	**340060**	0.032
	1	JONCTION CO2 CEM 75 I2	**340061**	0.043
	1	JONCTION CO2 CEM 99 I2	**340062**	0.054
	1	JONCTION CO2 CEM 123 I2	**340063**	0.066
	1	JONCTION CO2 CEM 147 I2	**340064**	0.077
	1	JONCTION CO2 CEM 195 I2	**340066**	0.996
	1	JONCTION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



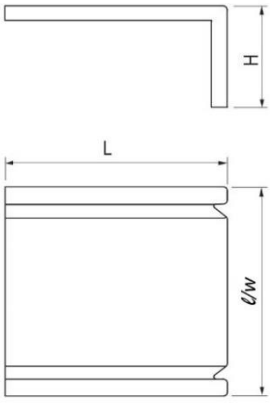


FERMETURE GRS H48

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

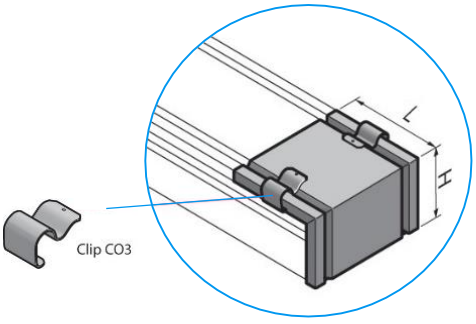


	p	Désignation	Code	Masse kg/p	Ep. mm
I3	1	FERMETURE GRS 48x48 I3	**228721**	0.088	1.00
	1	FERMETURE GRS 48x72 I3	**228722**	0.117	1.00
	1	FERMETURE GRS 48x96 I3	**228723**	0.146	1.00
	1	FERMETURE GRS 48x120 I3	**228724**	0.175	1.00
	1	FERMETURE GRS 48x144 I3	**228725**	0.204	1.00
	1	FERMETURE GRS 48x192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

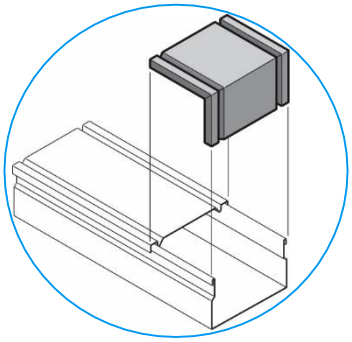


FERMETURE GRS H72

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

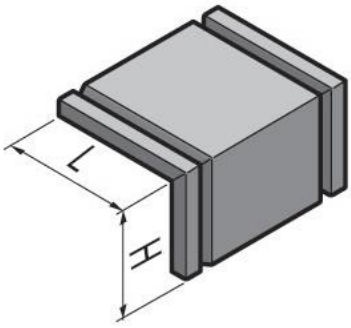


	p	Désignation	Code	Masse kg/p	Ep. mm
I3	1	FERMETURE GRS 72x72 I3	**228752**	0.117	1.00
	1	FERMETURE GRS 72x96 I3	**228753**	0.146	1.00
	1	FERMETURE GRS 72x120 I3	**228754**	0.175	1.00
	1	FERMETURE GRS 72x144 I3	**228755**	0.204	1.00
	1	FERMETURE GRS 72x192 I3	**228757**	0.263	1.00
	1	FERMETURE GRS 72x504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

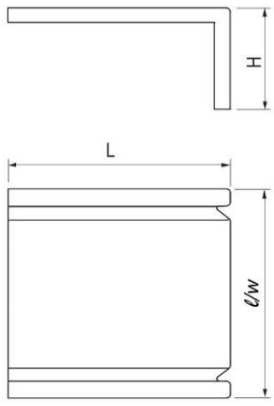


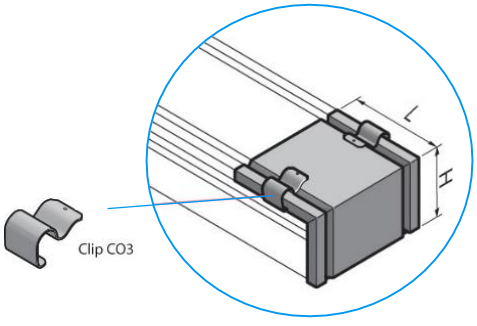
FERMETURE GRS H96

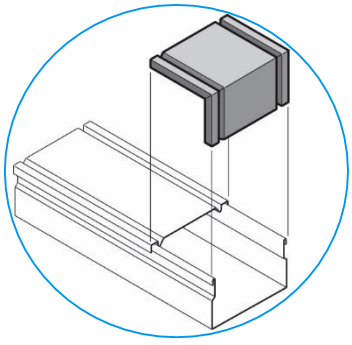
	p	Désignation	Code	Masse kg/p	Ep. mm
I2	1	FERMETURE GRS 96x96 I2	**328783**	0.218	1.00
	1	FERMETURE GRS 96x120 I2	**328784**	0.209	1.00
	1	FERMETURE GRS 96x144 I2	**328785**	0.305	1.00
	1	FERMETURE GRS 96x312 I2	**328792**	0.611	1.00
	1	FERMETURE GRS 96x408 I2	**328796**	0.785	1.00
	1	FERMETURE GRS 96x504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



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

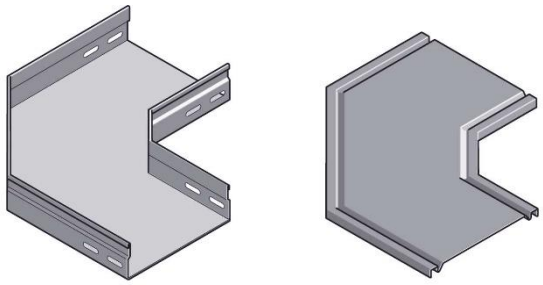




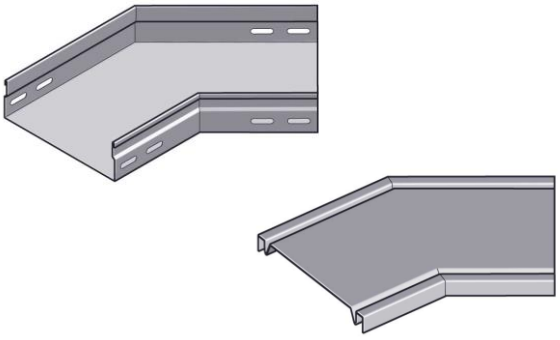


ÉLÉMENTS DE RACCORDEMENT + COUVERCLES : sur demande

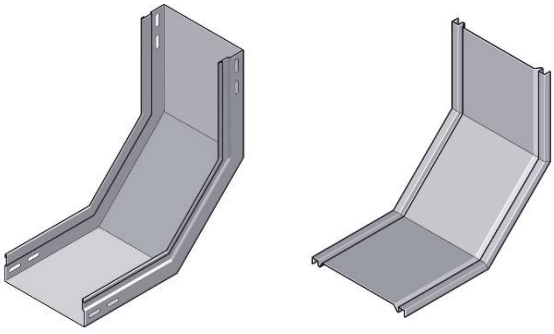
VIRAGES 90°



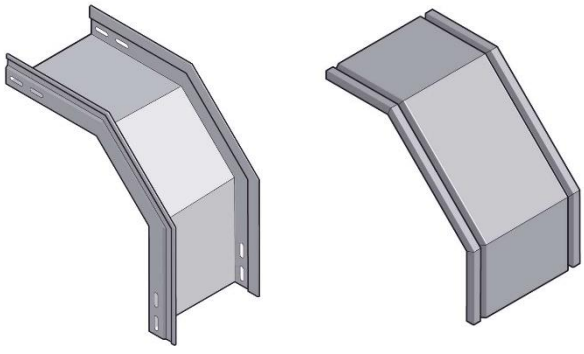
VIRAGES 135°



CONCAVES



CONVEXES



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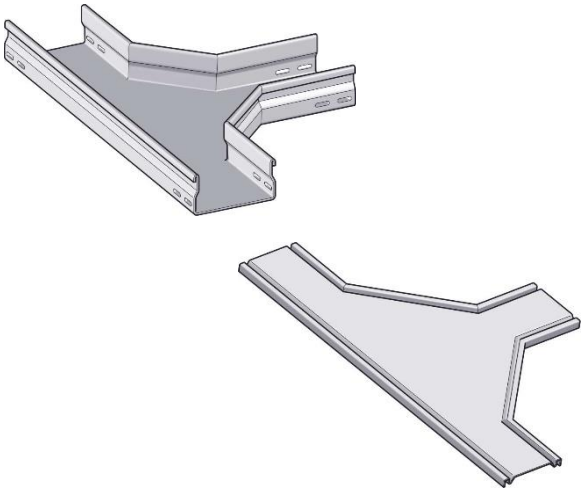
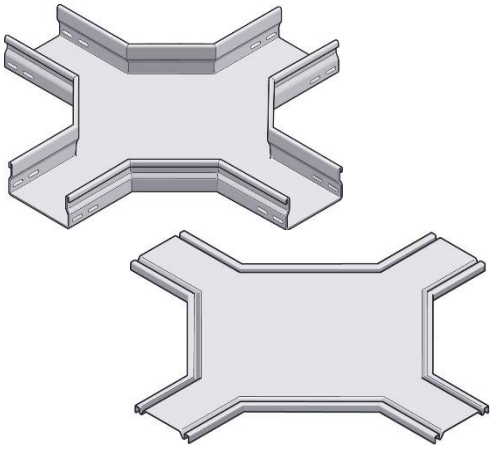
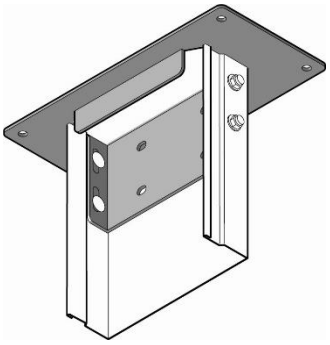


CROIX



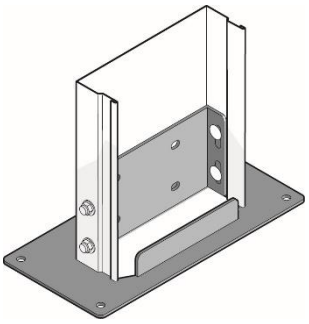
RACCORDS D'ARMOIRE H48

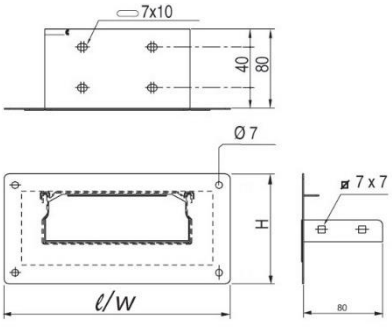
	p	Désignation	Code	Masse kg/p	Ep. mm
I2	1	RACCORD ARMOIRE GRS 48x48 I2	**329501**	0.163	1.00
	1	RACCORD ARMOIRE GRS 48x72 I2	**329502**	0.198	1.00
	1	RACCORD ARMOIRE GRS 48x96 I2	**329503**	0.234	1.00
	1	RACCORD ARMOIRE GRS 48x120 I2	**329504**	0.270	1.00
	1	RACCORD ARMOIRE GRS 48x144 I2	**329505**	0.305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



RACCORDS D'ARMOIRE H72

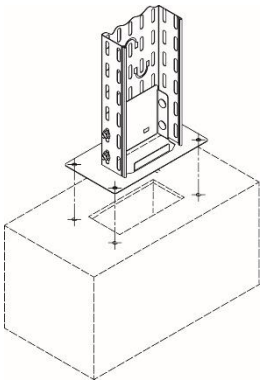
	p	Désignation	Code	Masse kg/p	Ep. mm
I2	1	RACCORD ARMOIRE GRS 72x72 I2	**329532**	0.253	
	1	RACCORD ARMOIRE GRS 72x96 I2	**329533**	0.288	
	1	RACCORD ARMOIRE GRS 72x120 I2	**329534**	0.324	
	1	RACCORD ARMOIRE GRS 72x144 I2	**329535**	0.359	
	1	RACCORD ARMOIRE GRS 72x408 I2	**329546**	0.750	





RACCORDS D'ARMOIRE H96

	p	Désignation	Code	Masse kg/p	Ep. mm
I2	1	RACCORD ARMOIRE GRS 96x144 I2	**329565**	0.413	
	1	RACCORD ARMOIRE GRS 96x312 I2	**329572**	0.662	
	1	RACCORD ARMOIRE GRS 96x504 I2	**329580**	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 :

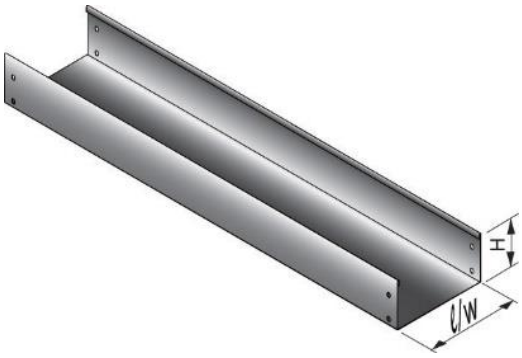
- Système de goulottes en Inox brossé
- Longueur 2 mètres
- Fermetures et jonctions de couvercles encliquetables

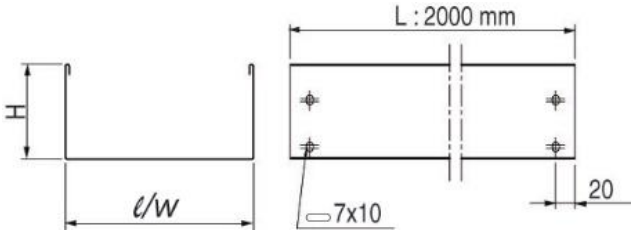
Sur demande :

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

GOULOTTES GA

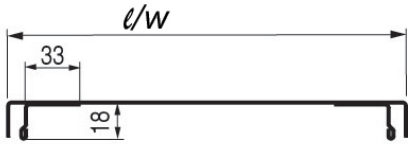
	m	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
I2	2	GA 96x96x0.80 2M I2BF	**347042**	2.020	0.80	96
	2	GA 96x144x0.80 2M I2BF	**347044**	2.326	0.80	144
	2	GA 96x192x0.80 2M I2BF	**347046**	2.630	0.80	192
	2	GA 96x312x0.80 2M I2BF	**347049**	3.390	0.80	312
	2	GA 96x408x1.00 2M I2BF	**347051**	4.990	1.00	408





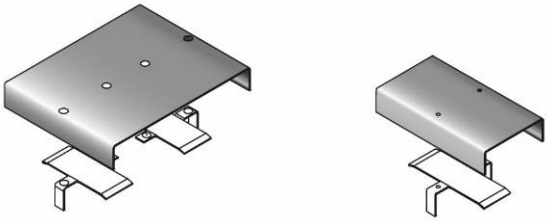
COUVERCLES GA

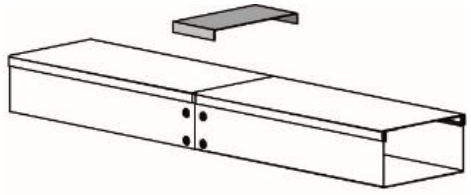
	m	Désignation	Code	Masse kg/ml	Ep. mm
I2	2	CO GA 96x0.80 2M I2B	**347962**	1.664	0.80
	2	CO GA 144x0.80 2M I2B	**347964**	1.968	0.80
	2	CO GA 192x0.80 2M I2B	**347966**	2.271	0.80
	2	CO GA 312x0.80 2M I2B	**347969**	3.029	0.80
	2	CO GA 408x1.00 2M I2B	**347971**	4.328	1.00

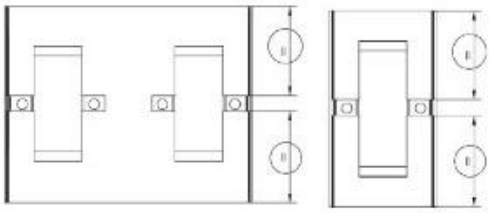


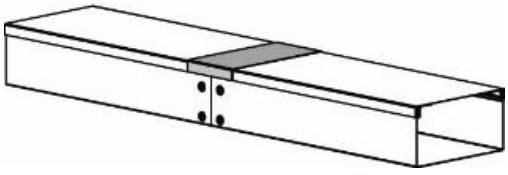
JONCTIONS DE COUVERCLE GA

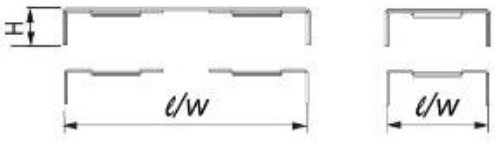
	p	Désignation	Code	Masse kg/p	Ep. mm
I2	1	JCO GA 96 I2B	**347802**	0.140	1.00
	1	JCO GA 144 I2B	**347704**	0.176	1.00
	1	JCO GA 192 I2B	**347806**	0.214	1.00
	1	JCO GA 312 I2B	**347809**	0.309	1.00
	1	JCO GA 408 I2B	**347811**	0.385	1.00





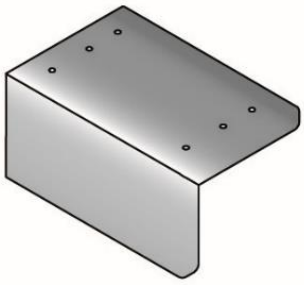


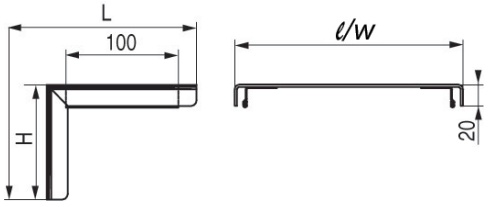




FERMETURES GA

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

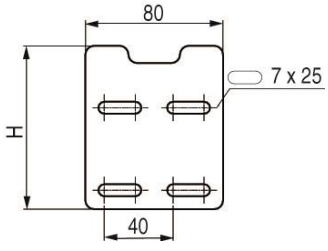


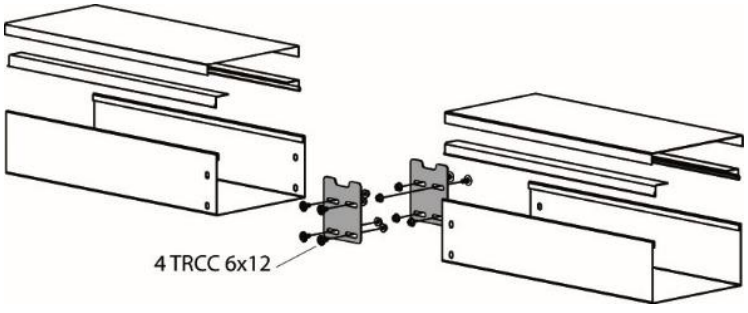


ÉCLISSES GA

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

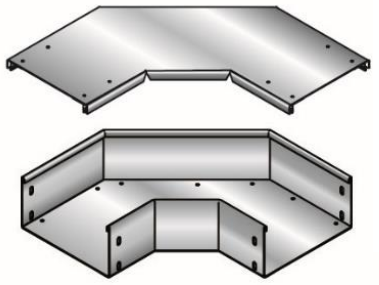
- Fixation par 4 BP TRCC M6x12 *réf 529001*

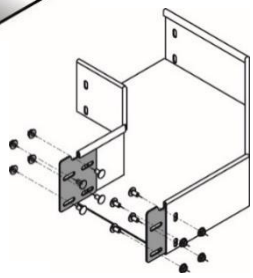




VIRAGES 90° GA

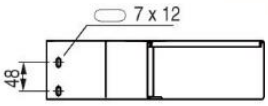
	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	V90 GA 96x96 I2B	**347992**	1.054	1.00	101	98
	1	V90 GA 96x144 I2B	**347124**	1.325	1.00	101	146
	1	V90 GA 96x192 I2B	**347996**	1.626	1.00	101	194
	1	V90 GA 96x312 I2B	**347999**	2.510	1.00	101	314
	1	V90 GA 96x408 I2B	**347131**	3.352	1.00	101	410

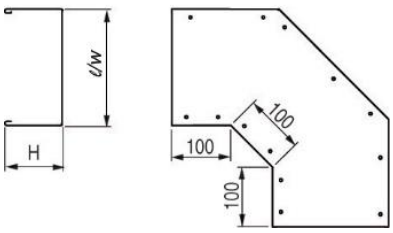




COUVERCLE VIRAGE 90° GA

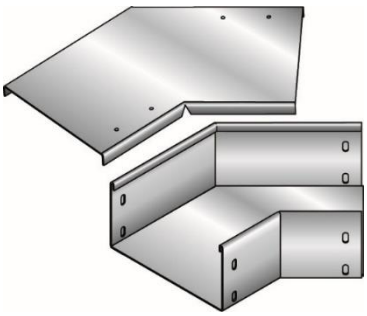
	p	Désignation	Code	Masse kg/ml	Ep. mm	l. mm
I2	1	CO V90 GA 96 I2B	**347842**	0.510	1.00	100
	1	CO V90 GA 144 I2B	**347144**	0.568	1.00	148
	1	CO V90 GA 192 I2B	**347846**	0.940	1.00	196
	1	CO V90 GA 312 I2B	**347849**	1.640	1.00	316
	1	CO V90 GA 408 I2B	**347151**	2.330	1.00	412

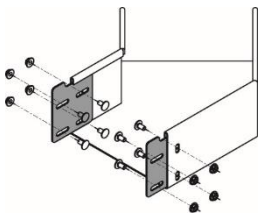




VIRAGES 135° GA

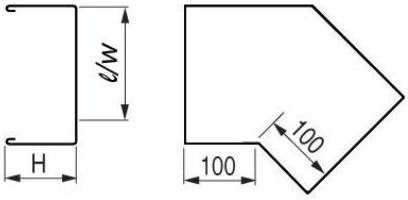
	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	V135 GA 96x96 I2B	**347201**	0.669	1.00	101	96
	1	V135 GA 96x144 I2B	**347204**	0.823	1.00	101	144
	1	V135 GA 96x192 I2B	**347206**	0.993	1.00	101	192
	1	V135 GA 96x312 I2B	**347209**	1.484	1.00	101	312
	1	V135 GA 96x408 I2B	**347211**	1.940	1.00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





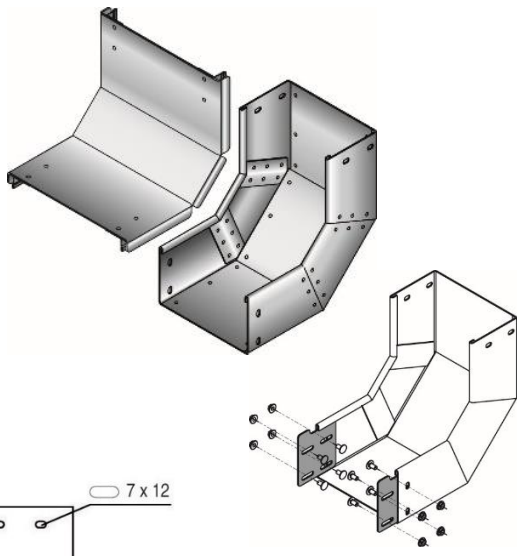
COUVERCLES VIRAGES 135° GA

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



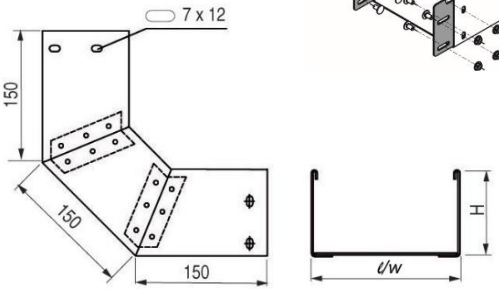
CONCAVES GA

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



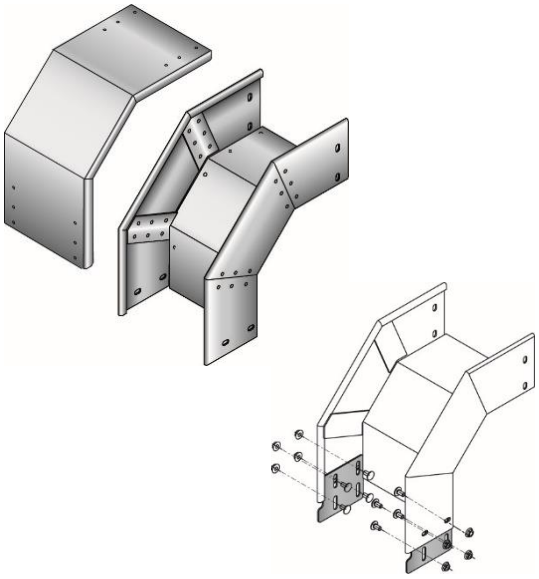
COUVERCLES CONCAVE GA

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



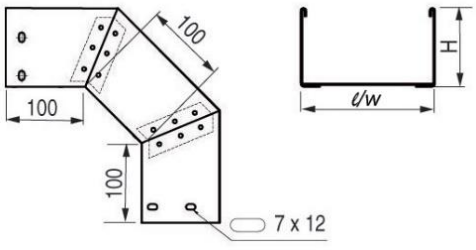
CONVEXES GA

	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	CV GA 96x96 I2B	**347872**	1.167	1.00	101	98
	1	CV GA 96X144 I2B	**347404**	1.283	1.00	101	146
	1	CV GA 96x192 I2B	**347406**	1.399	1.00	101	192
	1	CV GA 96x312 I2B	**347409**	1.500	1.00	101	314
	1	CV GA 96x408 I2B	**347411**	1.921	1.00	101	410



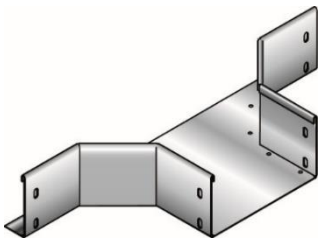
COUVERCLES CONVEXE GA

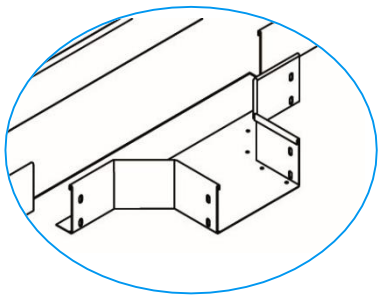
	p	Désignation	Code	Masse kg/p	Ep. mm	l. mm
I2	1	CO CV GA 96x96 I2B	**347852**	0.603	1.00	100
	1	CO CV GA 96x144 I2B	**347464**	0.781	1.00	148
	1	CO CV GA 96x192 I2B	**347466**	0.959	1.00	196
	1	CO CV GA 96x312 I2B	**347469**	1.403	1.00	316
	1	CO CV GA 96x408 I2B	**347471**	1.759	1.00	412

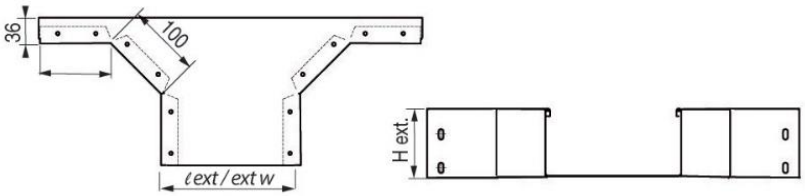


SORTIES LATÉRALES GA

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

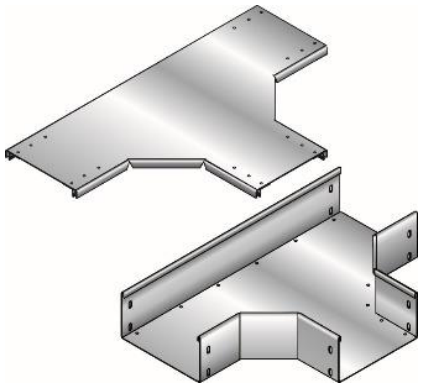






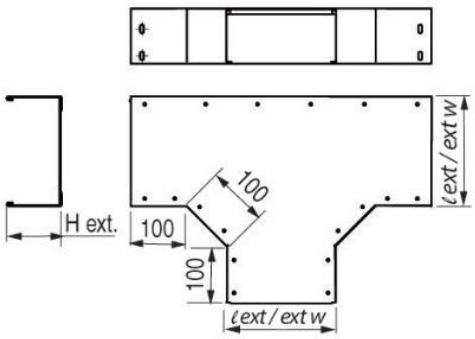
TES GA

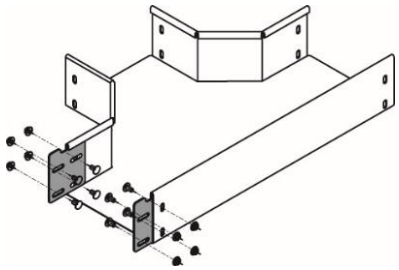
	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	TE GA 96x96 I2B	**347602**	1.557	1.00	101	98
	1	TE GA 96x144 I2B	**347604**	1.891	1.00	101	146
	1	TE GA 96x192 I2B	**347606**	2.264	1.00	101	194
	1	TE GA 96x312 I2B	**347609**	3.350	1.00	101	314
	1	TE GA 96x408 I2B	**347611**	4.377	1.00	101	410



COUVERCLES TE GA

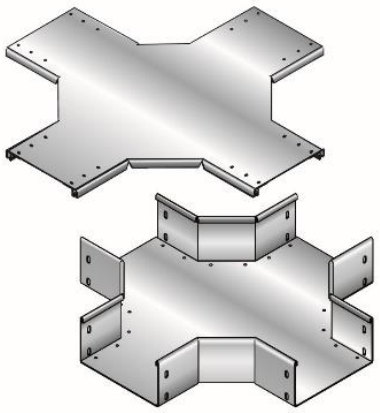
	p	Désignation	Code	Masse kg/p	Ep. mm	l. mm
I2	1	CO TE GA 96 I2B	**347622**	0.813	1.00	100
	1	CO TE GA 144 I2B	**347624**	1.101	1.00	148
	1	CO TE GA 192 I2B	**347626**	1.426	1.00	196
	1	CO TE GA 312 I2B	**347629**	2.397	1.00	316
	1	CO TE GA 408 I2B	**347631**	3.337	1.00	412

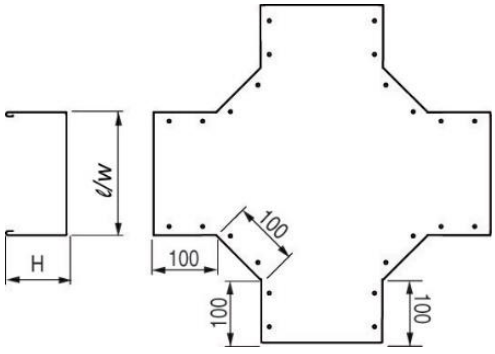




CROIX GA

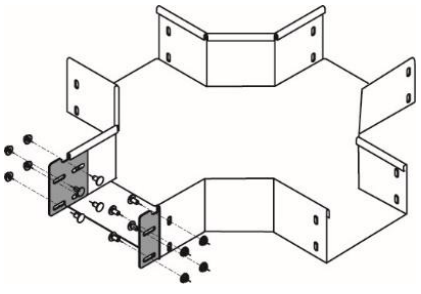
	p	Désignation	Code	Masse kg/p	Ep. mm	H. mm	l. mm
I2	1	CX GA 96x96 I2B	**347522**	1.888	1.00	101	98
	1	CX GA 96x144 I2B	**347524**	2.237	1.00	101	146
	1	CX GA 96x192 I2B	**347526**	2.622	1.00	101	194
	1	CX GA 96x312 I2B	**347529**	2.515	1.00	101	314
	1	CX GA 96x408 I2B	**347531**	4.806	1.00	101	410





COUVERCLE CROIX GA

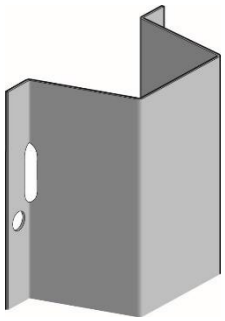
	p	Désignation	Code	Masse kg/p	Ep. mm	l. mm
I2	1	CO CX GA 96 I2B	**347542**	1.059	1.00	100
	1	CO CX GA 144 I2B	**347544**	1.406	1.00	148
	1	CO CX GA 192 I2B	**347546**	1.789	1.00	196
	1	CO CX GA 312 I2B	**347549**	2.905	1.00	316
	1	CO CX GA 408 I2B	**347551**	3.962	1.00	412

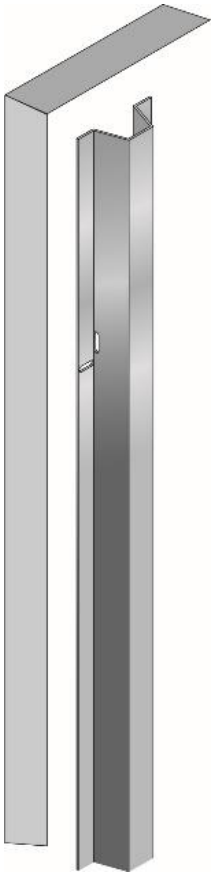


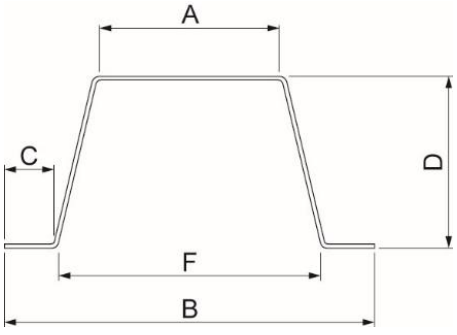
Goulotte de protection des câbles en colonne montante

PRC

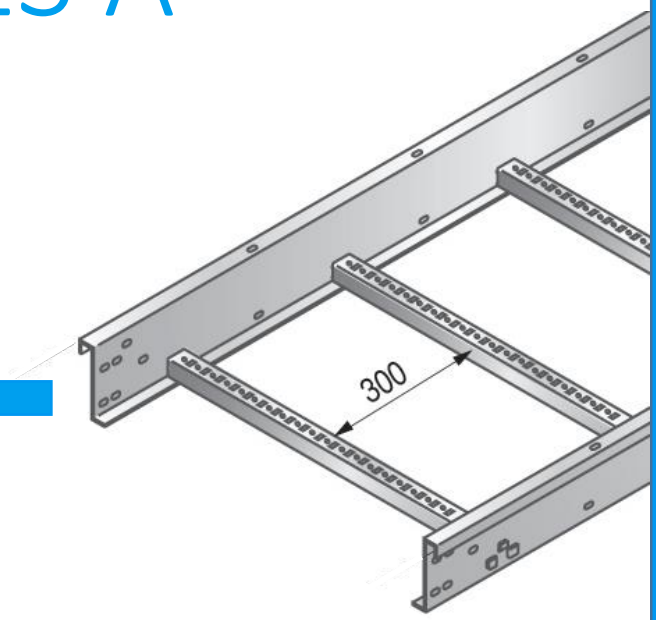
	m	Désignation	Code	Masse kg/ml	Ep. mm	A mm	B mm	C mm	D mm	F mm
I2	3	PRC 30 I2	**319410**	1.130	1.00	44	89	12	40	65
	3	PRC 60 I2	**319411**	1.710	1.00	50	112	12	72	88
	3	PRC 90 I2	**319412**	2.470	1.00	78	158	12	104	134







ECHELLES À CÂBLES



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

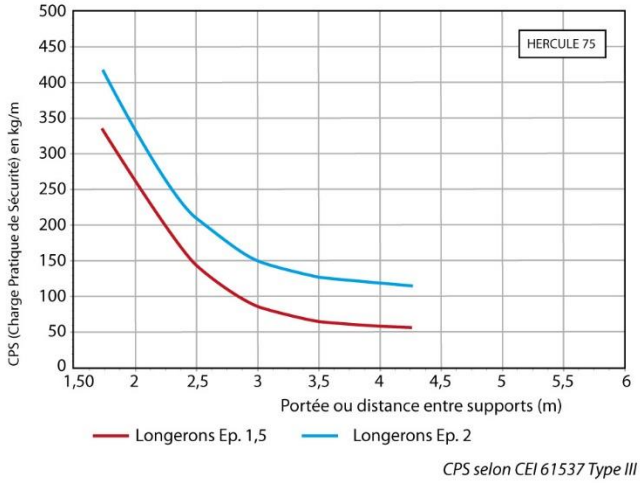
ECHELLES HERCULE

Pour toutes applications de charges moyennes à très lourdes

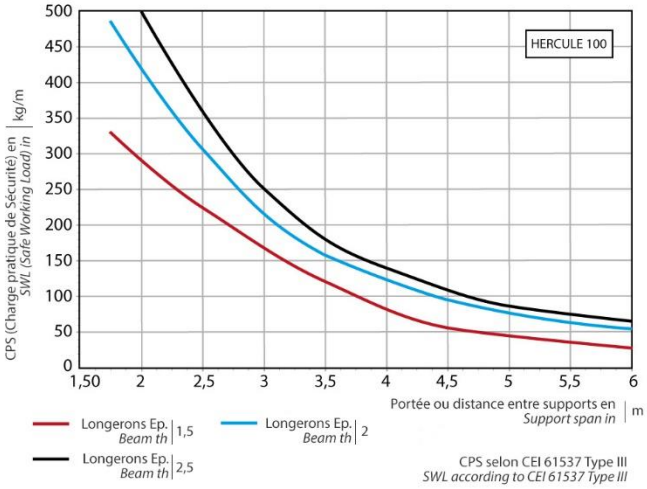
- **Facilité de transport et de pose** : construction sertie ou en kit à assembler sur site
- **Grande capacité** : compatible avec les câbles de puissance en aluminium
- **Totalement adaptable** : montage horizontal ou en colonne montante, colliers mécaniques type Colson
- Une gamme complète **d'accessoires** 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

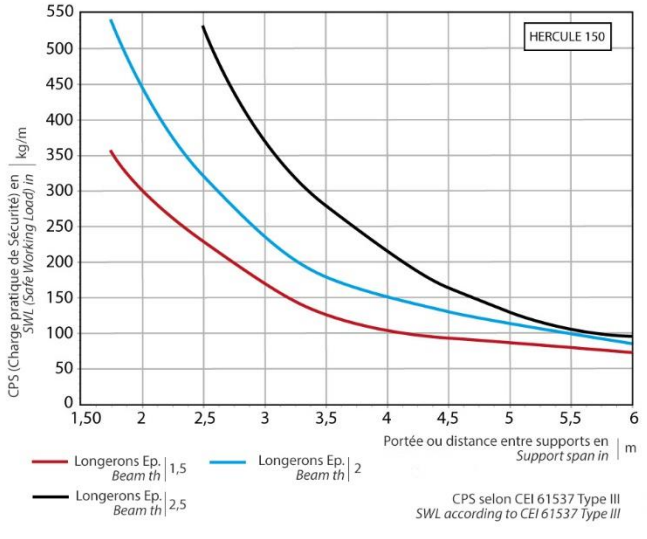
SUR DEMANDE

- Longueurs de 6 m
- Eléments 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



CPS selon CEI 61537 Type III





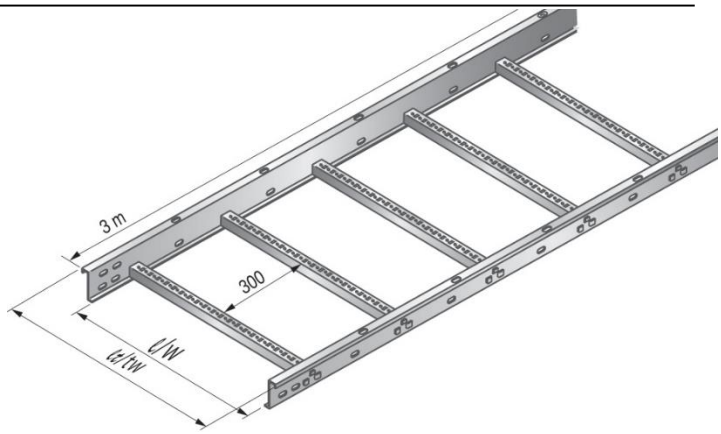
HERCULE	Capacité maximale (kg/ml) pour une densité de Câbles de puissance 0,25 kg/cm²/ml		
Largeur (mm)	Hauteur (mm)		
	HERCULE 75	HERCULE 100	HERCULE 150
200	24,0	41,3	61,5
300	36,0	62,0	92,2
400	48,0	82,5	123,0
500	60,0	103,2	153,8
600	72,0	123,8	184,5
700	84,0	144,5	215,3
800	96,0	165,0	246,0
900	108,0	185,7	276,8
1000	120,0	206,3	307,5

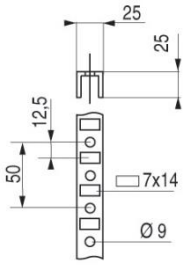
Classement NEMA VE1 2009

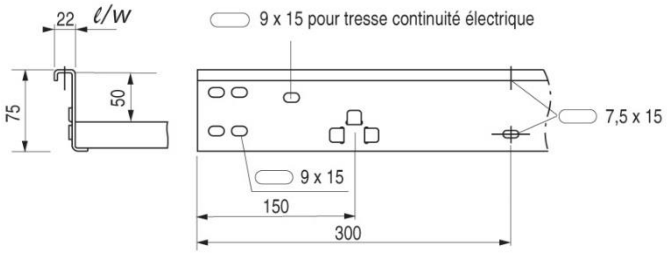
	Type	Hauteur	Largeur	Epaisseur Longeron	Espacement entre supports : 3 m Charge adm. en (kg/m)	USA	CANADA
Inox	HERCULE 150	150	600	1,5	245	10C	D

HERCULE H75

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

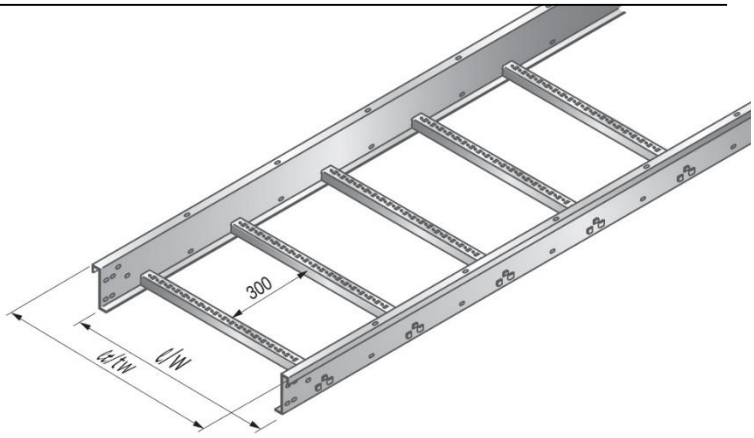


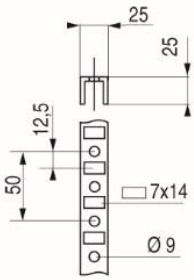


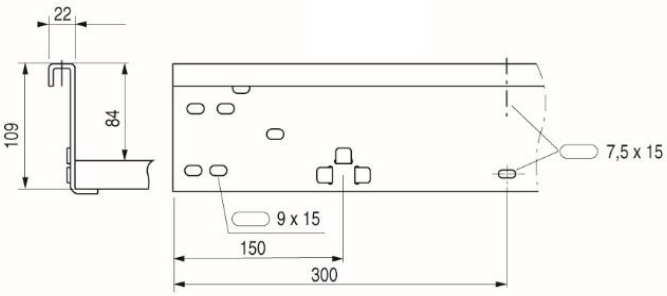


HERCULE H100

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

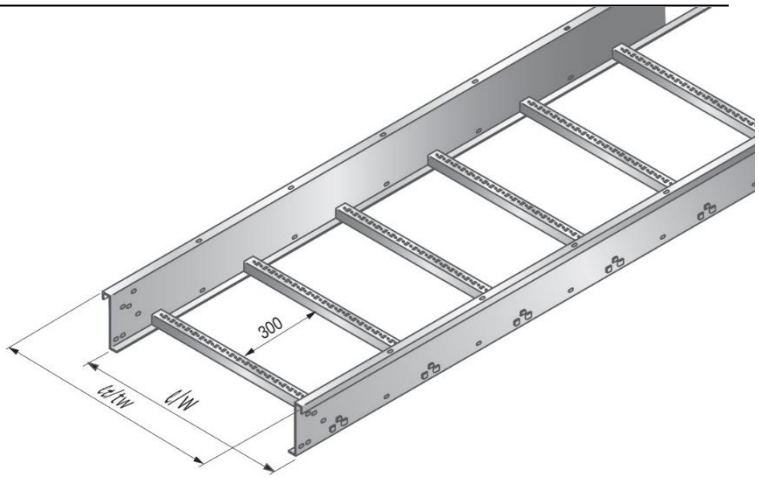


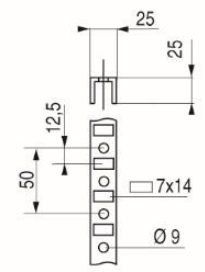


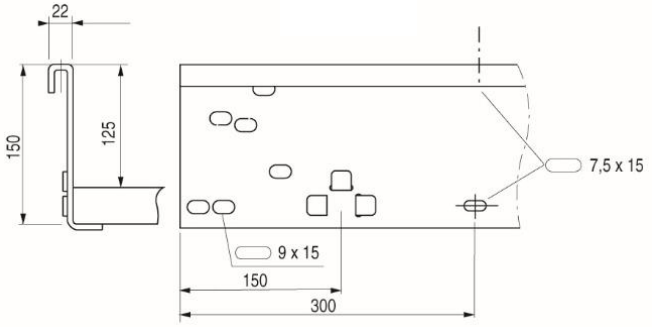


HERCULE H150

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



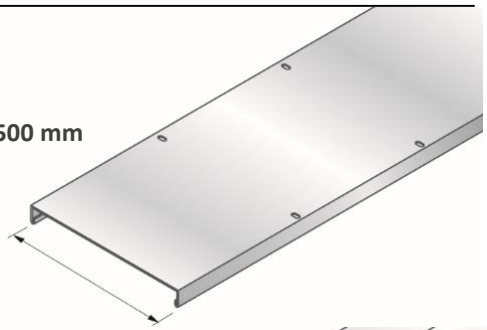




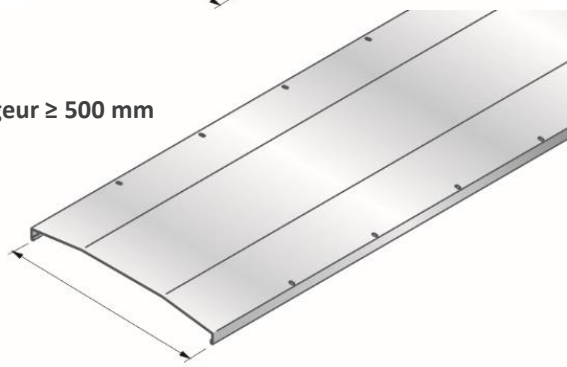
COUVERCLES

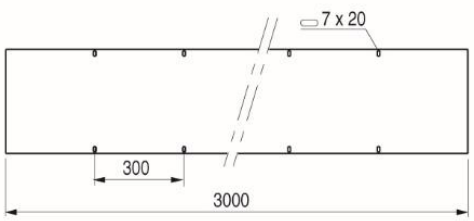
	m	Désignation	Code	Masse kg/ml
I3	3	CO HERC 200 I3	**541001**	2.393
	3	CO HERC 300 I3	**541002**	3.200
	3	CO HERC 400 I3	**541003**	3.990
	3	CO HERC 500 I3	**541004**	4.793
	3	CO HERC 600 I3	**541005**	5.593
	3	CO HERC 700 I3	**541006**	6.400
	3	CO HERC 800 I3		
	3	CO HERC 900 I3	**541008**	7.892
	3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

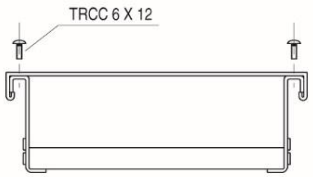
Largeur < 500 mm



Largeur ≥ 500 mm



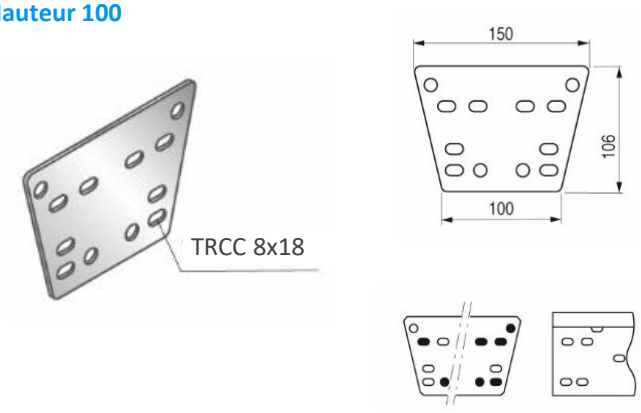




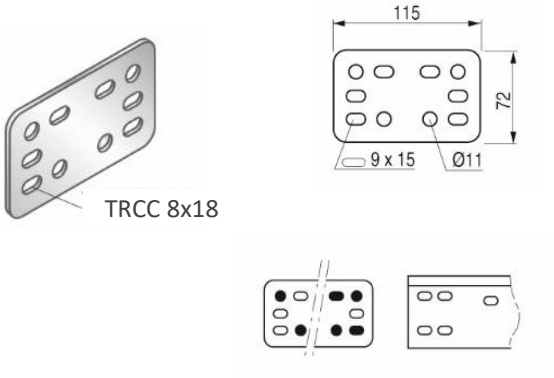
ECLISSE DEFORMABLE ED

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

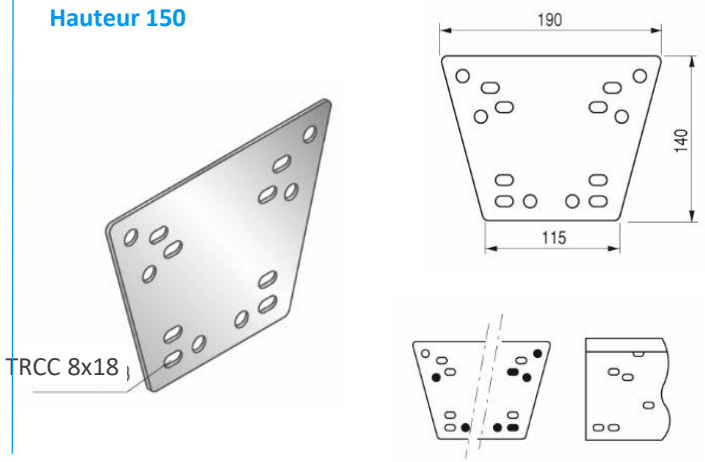
Hauteur 100



Hauteur 75



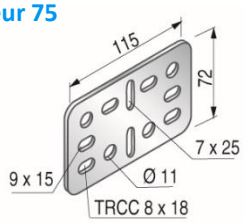
Hauteur 150



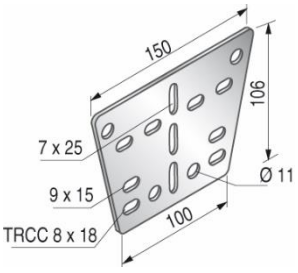
ECLISSE DEFORMABLE ED

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

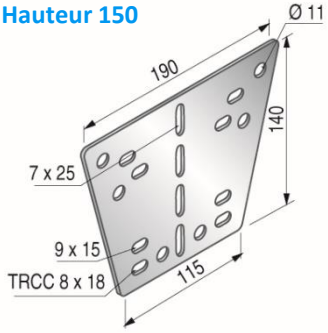
Hauteur 75



Hauteur 100



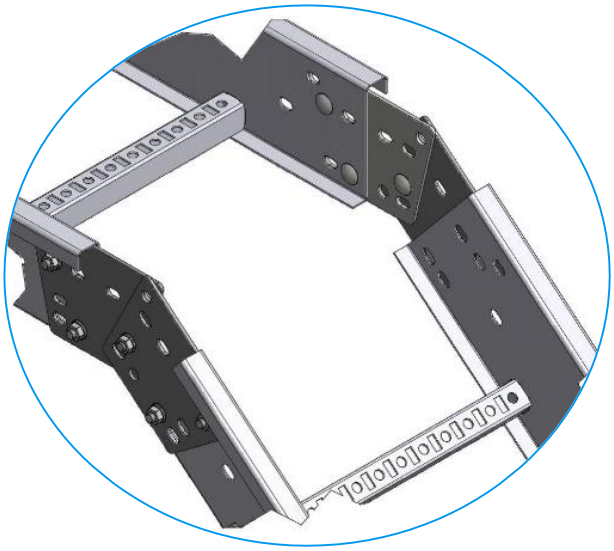
Hauteur 150



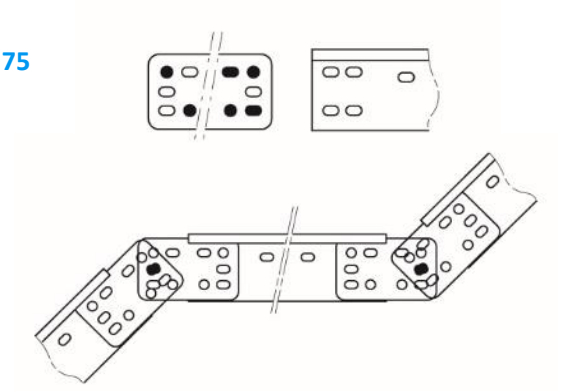
ECLISSE ARTICULEE EA

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

Fixation par BP TRCC M8x18



Hauteur 75



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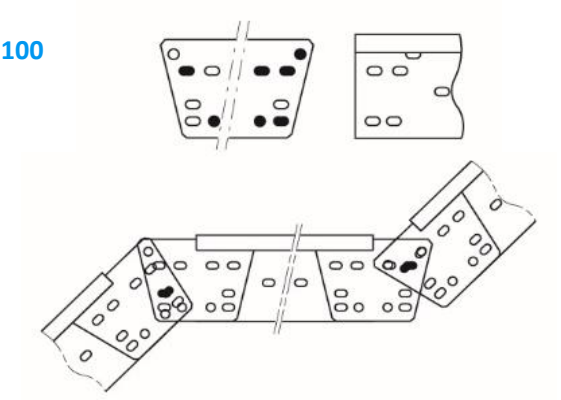
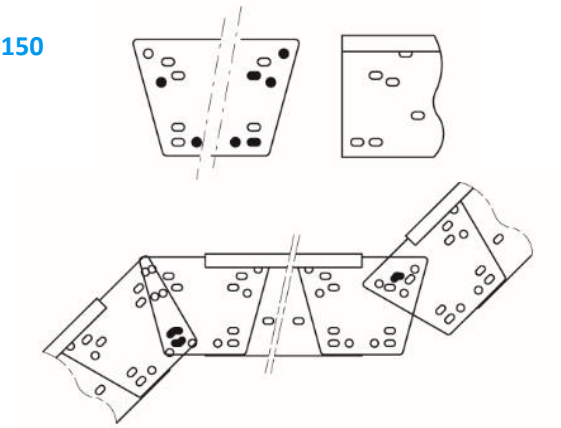
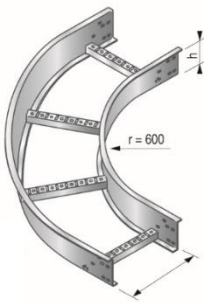


Hauteur 150



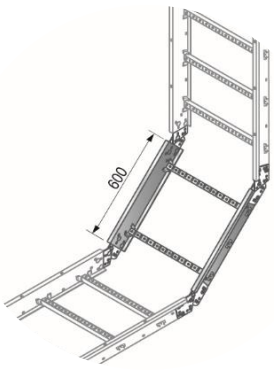
ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE

VIRAGES 90°



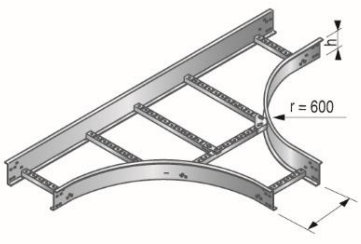
VIRAGES 135°

CONCAVES

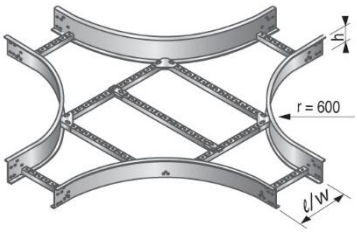


CONVEXES

TES



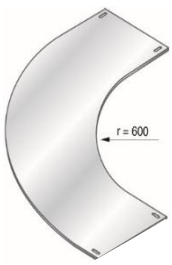
SORTIES LATERALES



CHENILLETTE

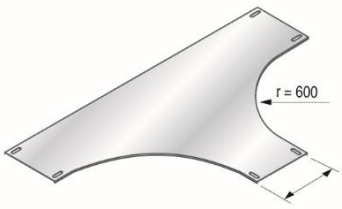
COUVERCLES ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE

COUVERCLE VIRAGES 90°

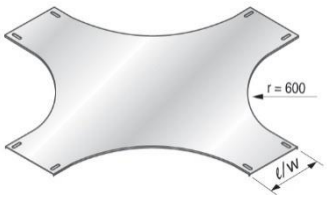


COUVERCLE VIRAGES 135°

COUVERCLE TE

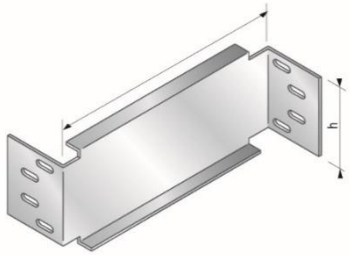


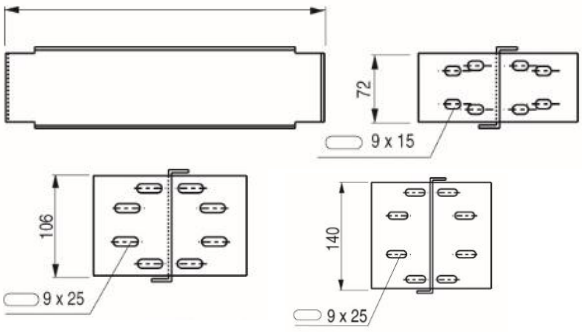
COUVERCLE CROIX

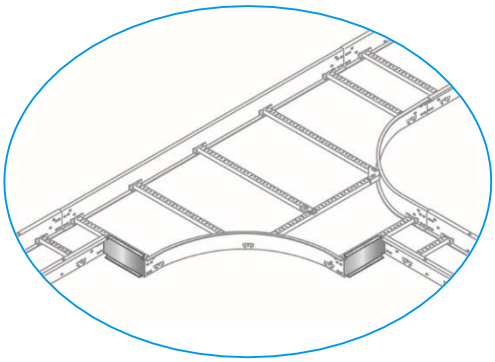


ÉCLISSES DE RÉDUCTION

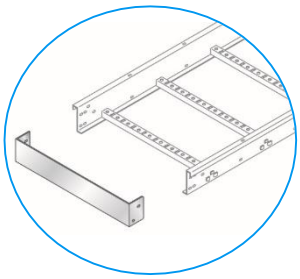
Largeur	Hauteur 75 I3 Code	Hauteur 75 I3 Masse kg/p	Hauteur 100 I3 Code	Hauteur 100 I3 Masse kg/p	Hauteur 150 I3 Code	Hauteur 150 I3 Masse kg/p
100	582593	0.310	582303	0.324	582020	0.519
200	582595	0.440			582059	0.740
300	582597	0.459	582307	0.830	582061	0.950
400	582599	0.690	582902	1.060		
500			582903	1.280		

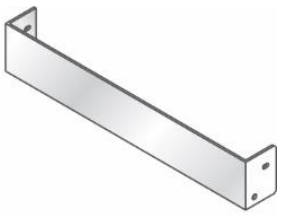






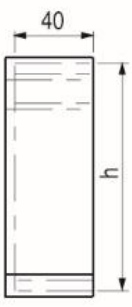
EMBOUTS D'EXTREMITES EE – SUR DEMANDE

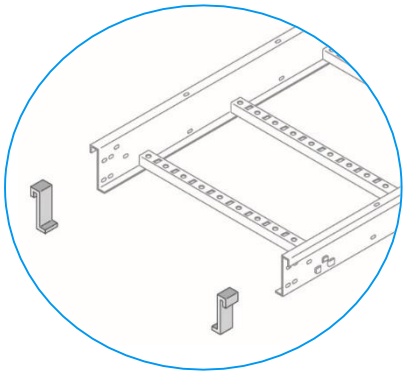




EMBOUT PROTECTION EMB

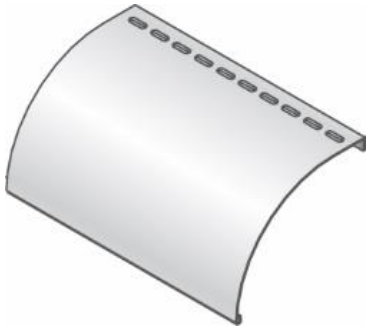
	p	Désignation	Code	Masse kg/p
PVC	1	EMB HERC 75 D+G PVC	584934	0.080
	1	EMB HERC 100 D+G PVC	584935	0.120
	1	EMB HERC 150 D+G PVC	584936	0.160

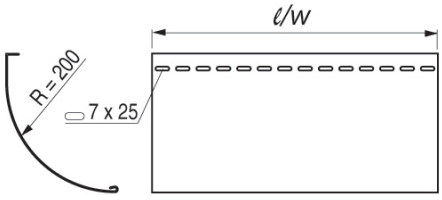


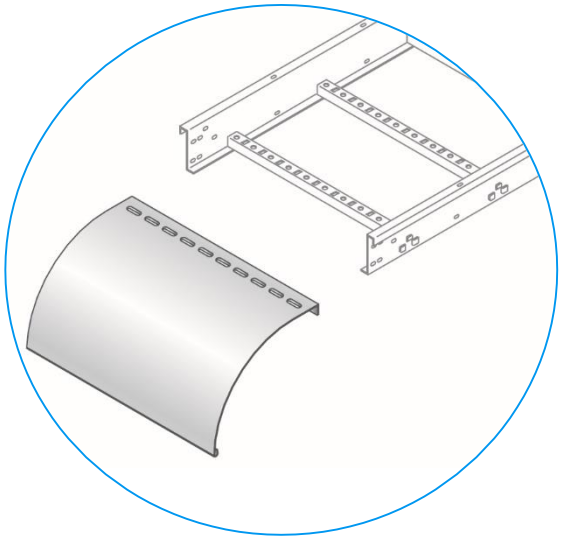


SORTIE DE CÂBLES SC

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

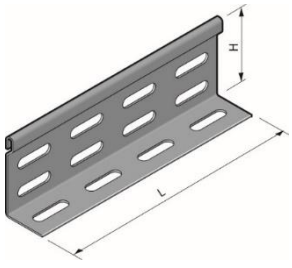


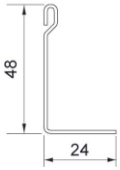


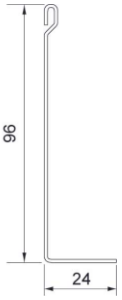


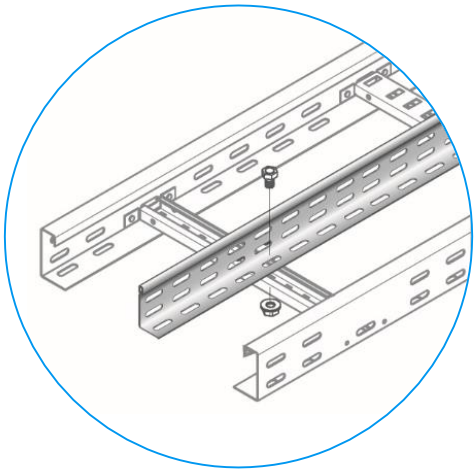
CORNIÈRES DE SÉPARATION LPS

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



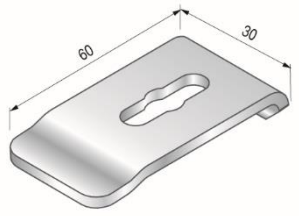


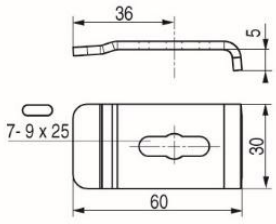




CLAME SL

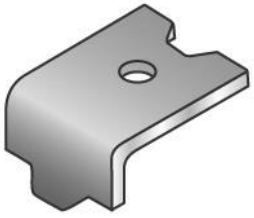
	p	Désignation	Code	Masse kg/p
I3	1	CLAME SL I3	**582995**	0.042

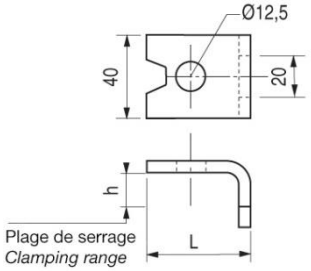




CRAPAUD STRUT 41

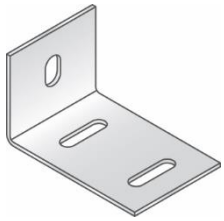
	p	Désignation	Code	Ep. mm	H. mm	L. mm	Masse kg/p
I3	25	CRAPAUD STRUT 41 H5-15 I3	**685082**	6.00	10	60	0.121
	25	CRAPAUD STRUT 41 H15-25 I3	**685378**	6.00	20	60	0.141
	1	CRAPAUD STRUT 41 H25-35 I3	**685238**	6.00	40	70	0.189



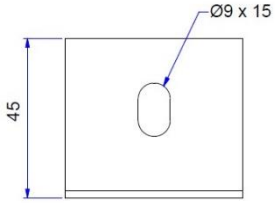


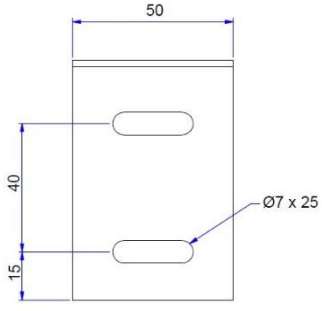
ÉQUERRES 75x45

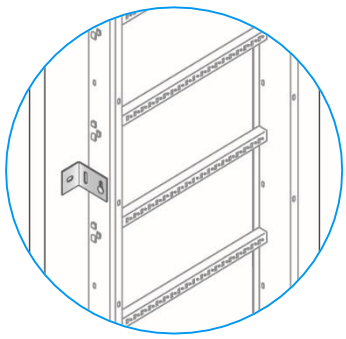
	p	Désignation	Code	Ep. mm	daN	Masse kg/p
I3	25	EQU 75x45 I3	**617001**	3.00	25	0.132



Plage de serrage h = +/- 5 mm
Prévoir : écrou losange à ressort M12 + vis H12x50
Epaisseur 6 mm



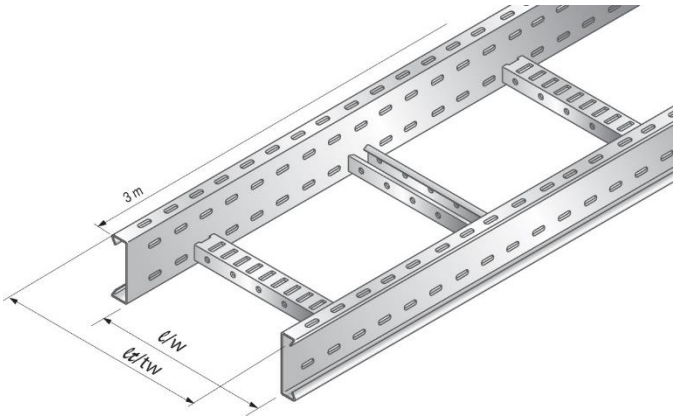


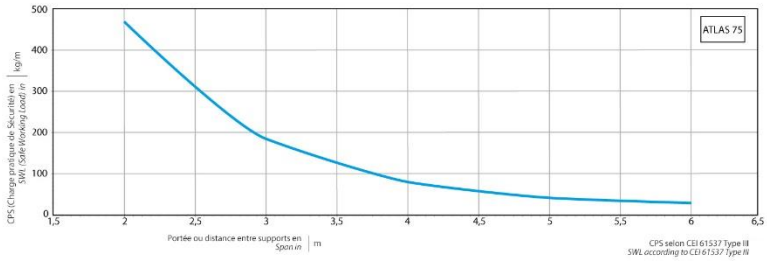


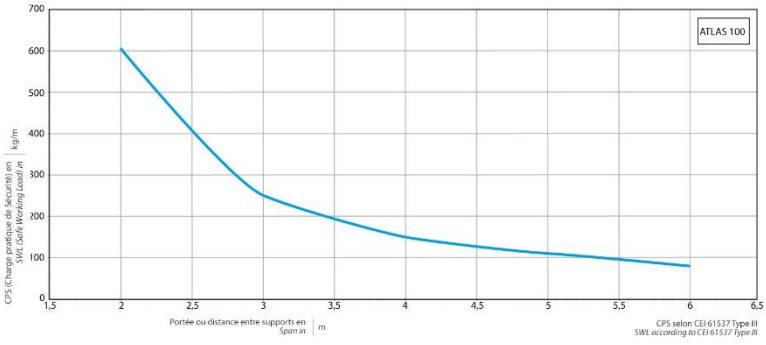
ECHELLES ATLAS

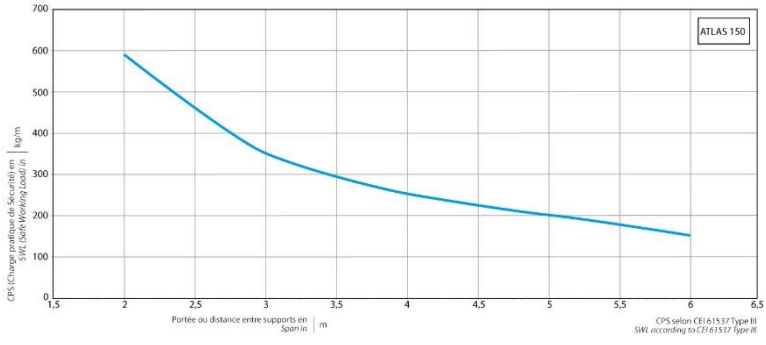
Pour toute application de charges très lourdes en conditions d'utilisation sévères (mécanique, corrosion)

- 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









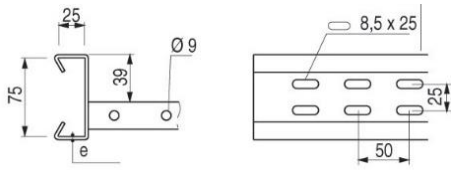
ATLAS	Capacité maximale (kg/ml) pour une densité de		
	Câbles de puissance 0,25 kg/cm²/ml		
Largeur (mm)	Hauteur (mm)		
	ATLAS 75	ATLAS 100	ATLAS 150
150	14,7	24,0	42,8
300	29,3	48,0	85,5
450	44,0	72,0	128,2
600	58,5	96,0	171,0
750	73,2	120,0	213,8
900	87,8	144,0	256,5

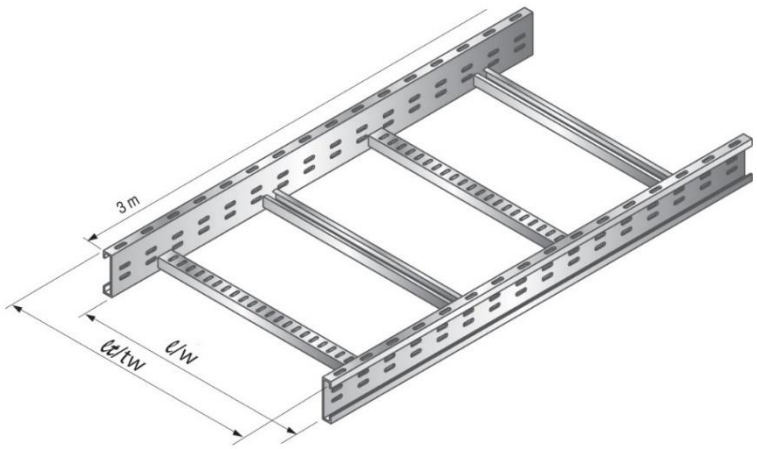
Classement NEMA VE1 2009

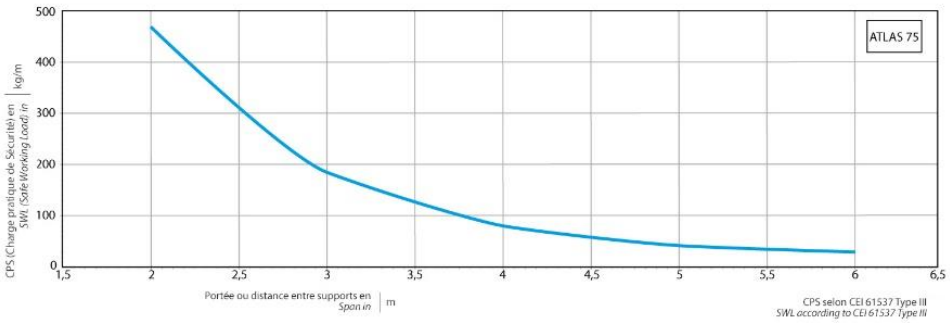
					Espacement entre supports : 3 m			Espacement entre supports : 6 m		
	Type	Hauteur	Largeur	Epaisseur Longeron	Charge adm. en (kg/m)	USA	CANADA	Charge adm. en (kg/m)	USA	CANADA
Inox	ATLAS 150	150	600	1,5				77	20A	D

ATLAS H75

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

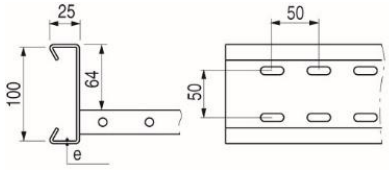


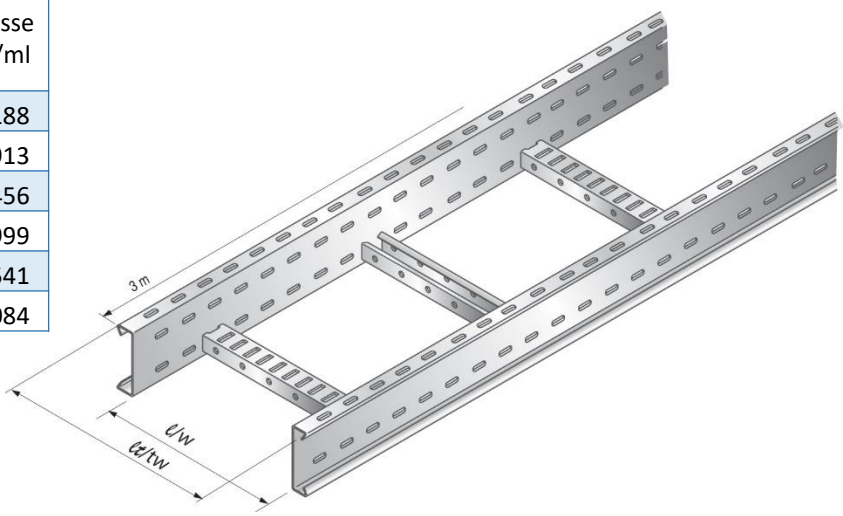


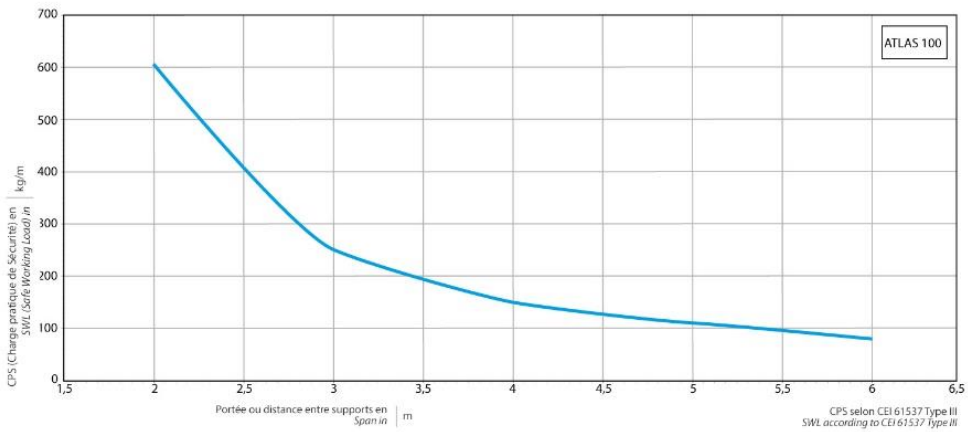


ATLAS H100

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

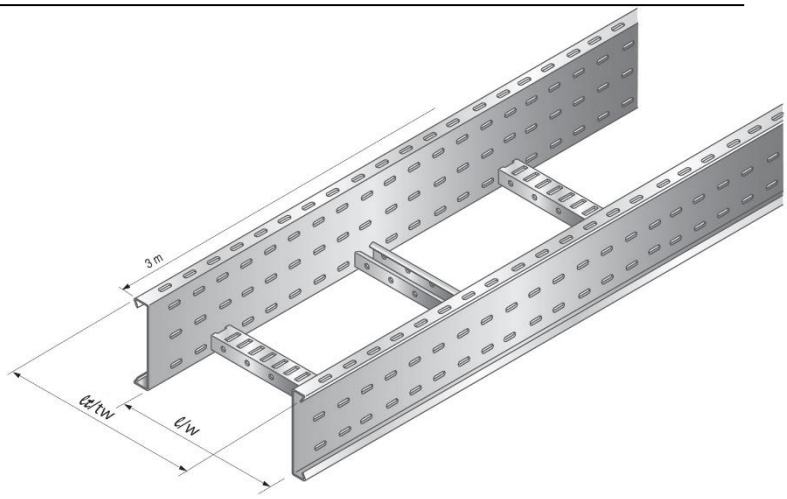


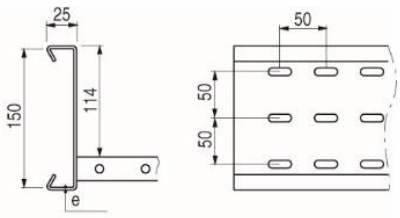


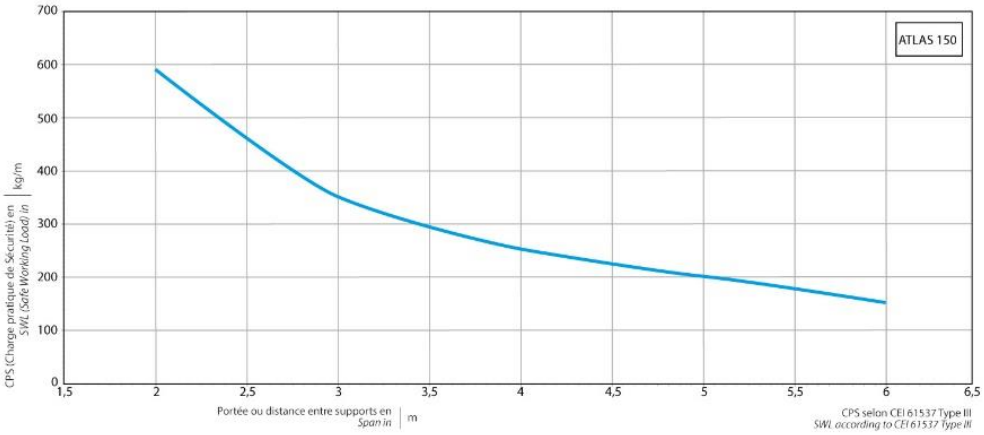


ATLAS H150

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

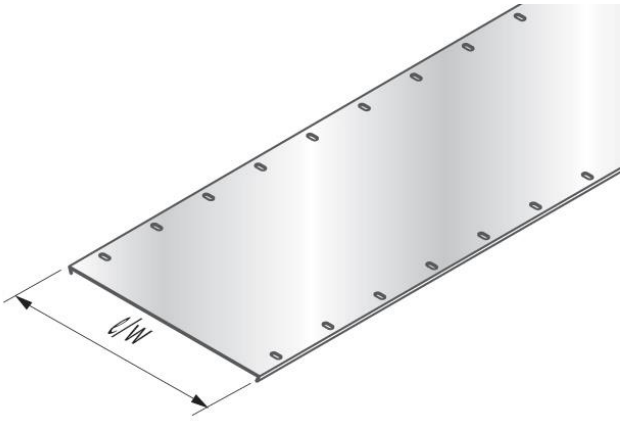






COUVERCLES

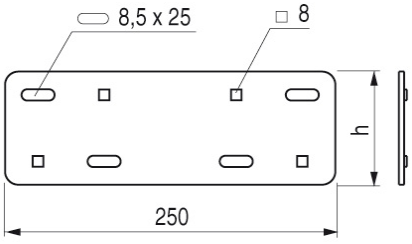
	m	Désignation	Code	Masse kg/ml	l. mm
I3	3	CO ATLAS 150 I3	**589024**	1.770	150
	3	CO ATLAS 300 I3	**589030**	3.003	300
	3	CO ATLAS 450 I3	**589040**	4.203	450
	3	CO ATLAS 600 I3	**589041**	5.403	600

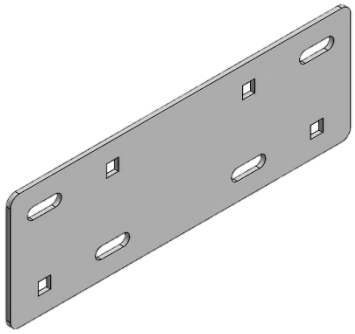


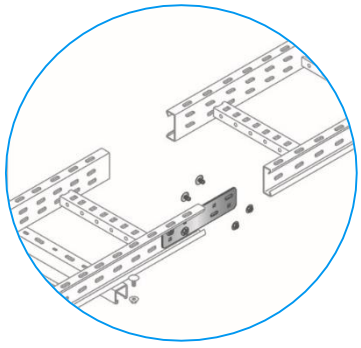
Prévoir TRCC M8x18 pour fixation

ÉCLISSES PLATES EP

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

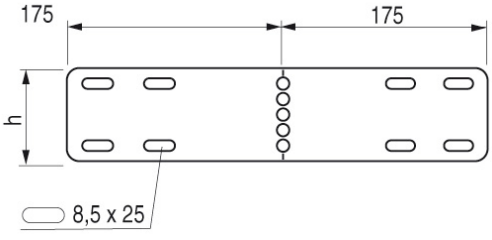


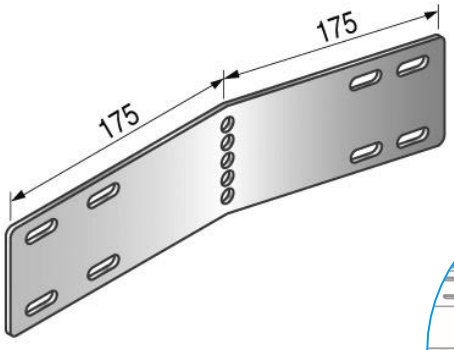


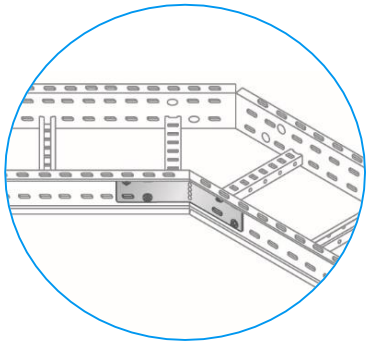


ÉCLISSES PLIABLES ED

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

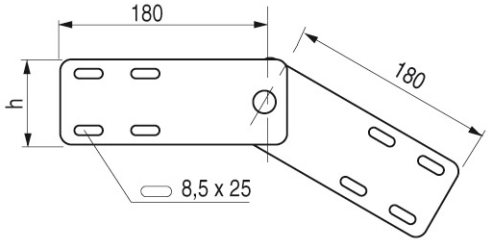


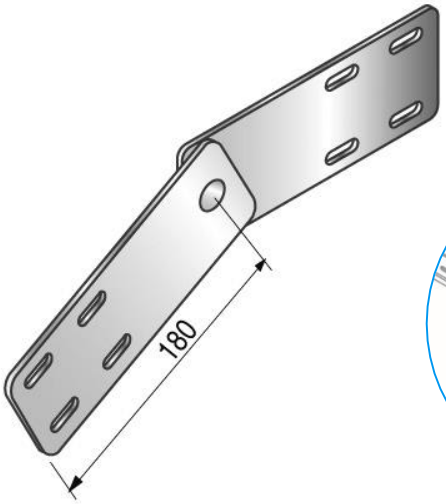


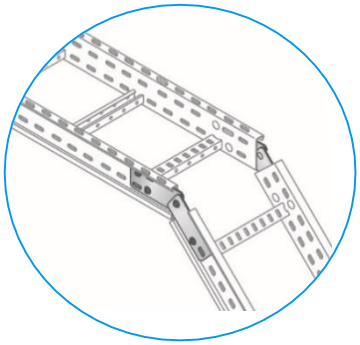


ÉCLISSES ARTICULEE EA

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

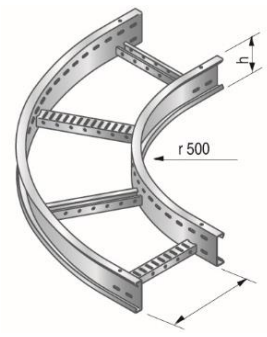




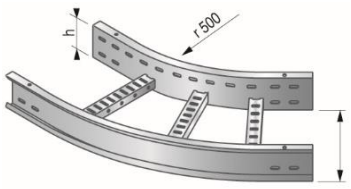


ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE

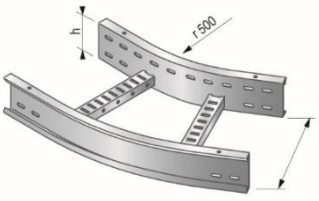
VIRAGES 90°



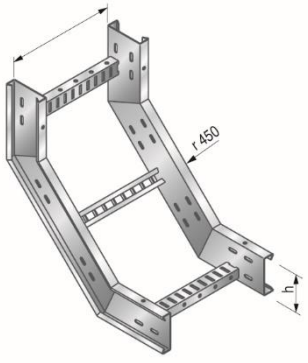
VIRAGES 135°



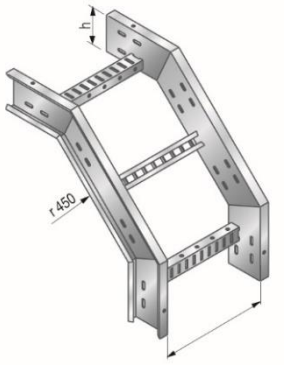
VIRAGES 150°



CONCAVES



CONVEXES



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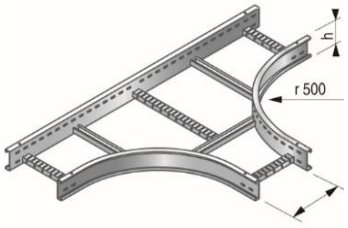
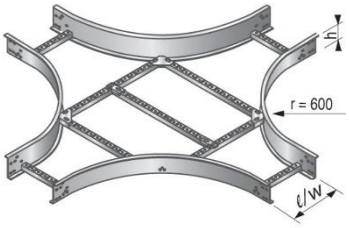


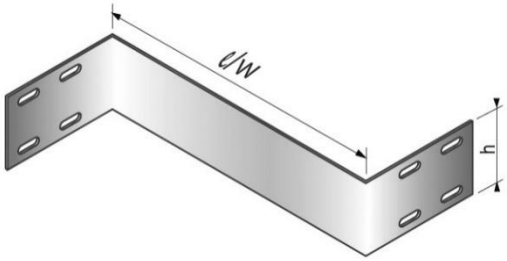
CROIX

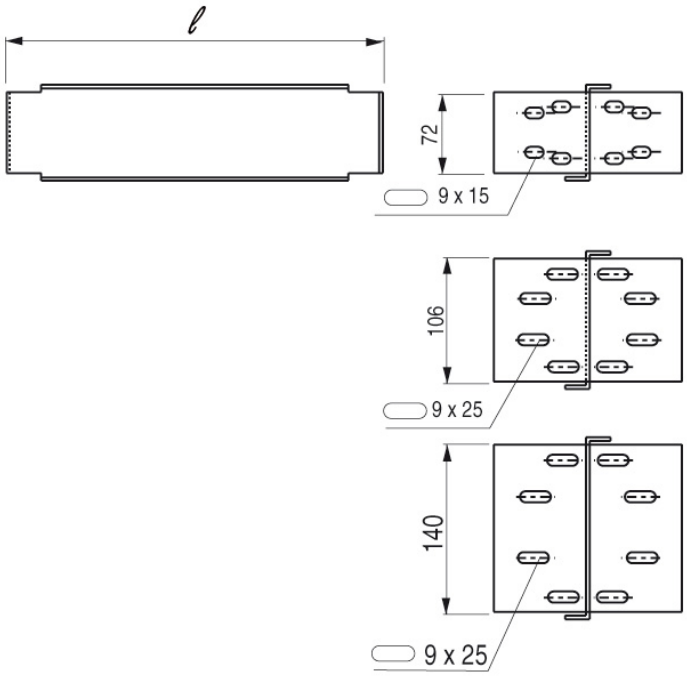


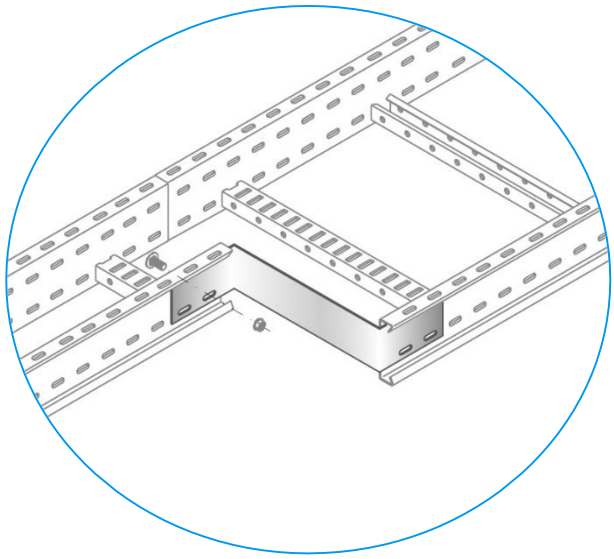
COUVERCLES ÉLÉMENTS DE RACCORDEMENT : SUR DEMANDE

ÉCLISSE DE REDUCTION

Largeur	Hauteur H75 I3 Code	Hauteur H75 I3 Masse kg/p	Hauteur H100 I3 Code	Hauteur H100 I3 Masse kg/p	Hauteur H150 I3 Code	Hauteur H150 I3 Masse kg/p
150	**304581**	0.470	**596015**	0.700	**304584**	1.170
300	**304582**	0.640	**596016**	1.020	**596012**	1.900
450	**304583**	0.820			**304585**	2.050
600			**596018**	1.500	**304586**	

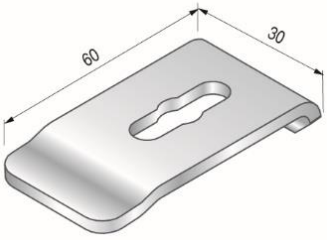


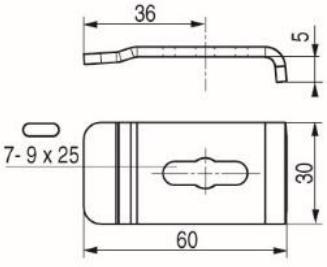




CLAME SL

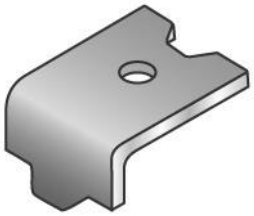
	p	Désignation	Code	Masse kg/p
I3	1	CLAME SL I3	**582995**	0.042

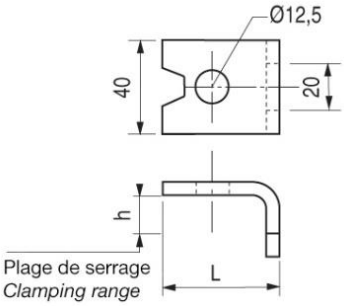




CRAPAUD STRUT 41

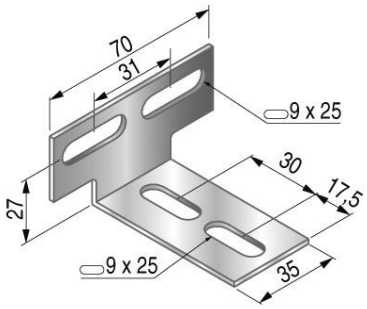
	p	Désignation	Code	Ep. mm	H. mm	L. mm	Masse kg/p
I3	25	CRAPAUD STRUT 41 H5-15 I3	**685082**	6.00	10	60	0.121
	25	CRAPAUD STRUT 41 H15-25 I3	**685378**	6.00	20	60	0.141
	1	CRAPAUD STRUT 41 H25-35 I3	**685238**	6.00	40	70	0.189

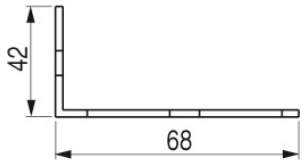


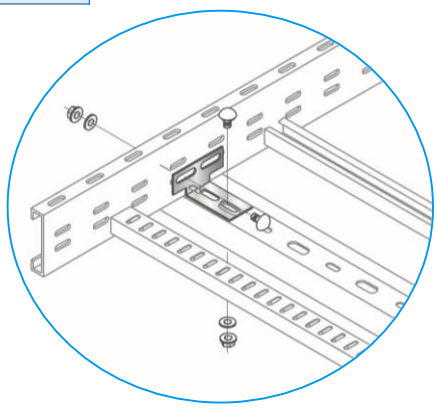


CLAMES ATLAS

	p	Désignation	Code	Masse kg/p
I3	1	CLAME ATLAS I3	**596001**	0.070

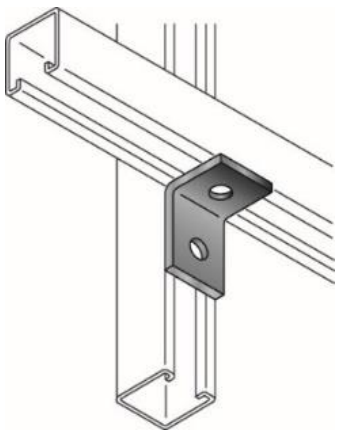


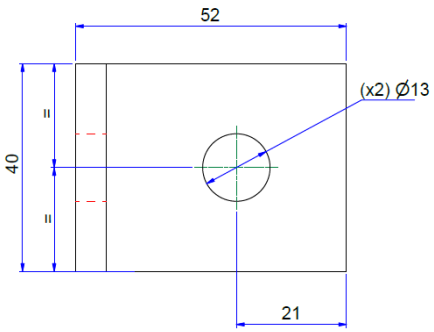


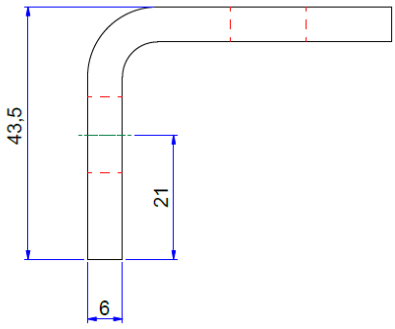


ÉQUERRE 90 STRUT 41 – 2 TROUS – PS 604

	p	Désignation	Code	Masse kg/p
I3	25	EQUERRE 90 2T STRUT41 I3	**685032**	0.150

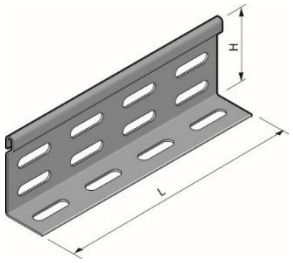


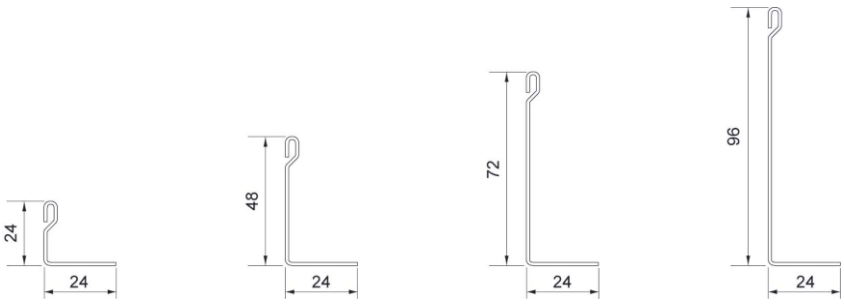


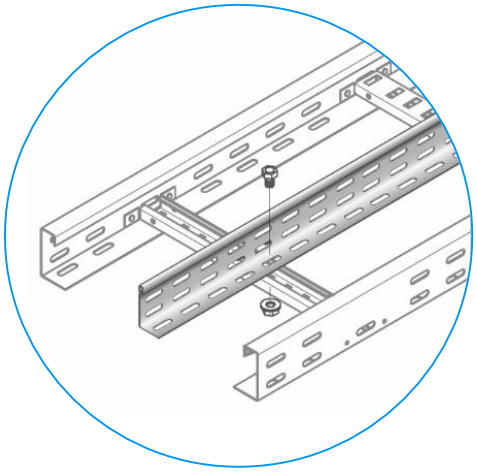


CORNIÈRES DE SÉPARATION LPS

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

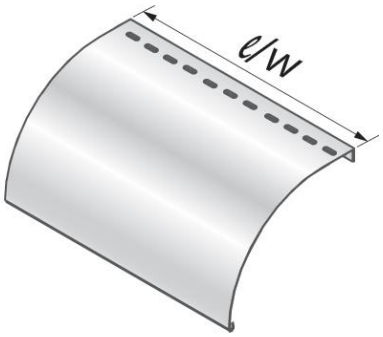


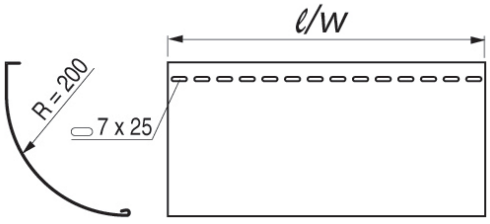


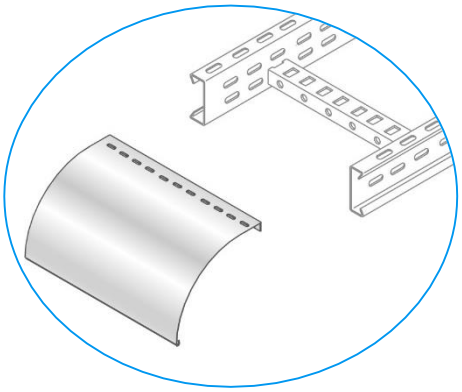


SORTIE DE CÂBLES SC

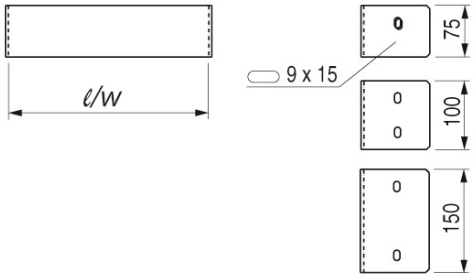
	p	Désignation	Code	Masse kg/p
I3	1	SC ATLAS 150 I3	**596219**	0.800

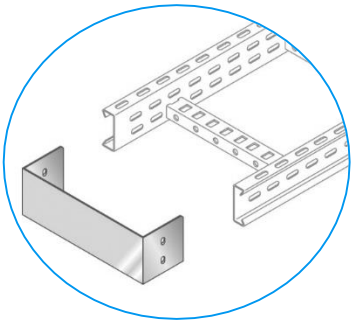


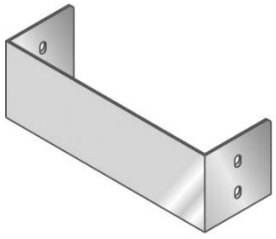




EMBOUTS D'EXTREMITÉ EE – SUR DEMANDE

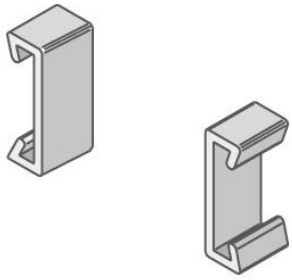


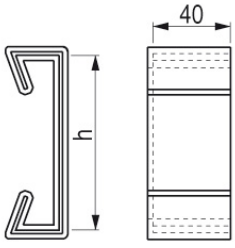


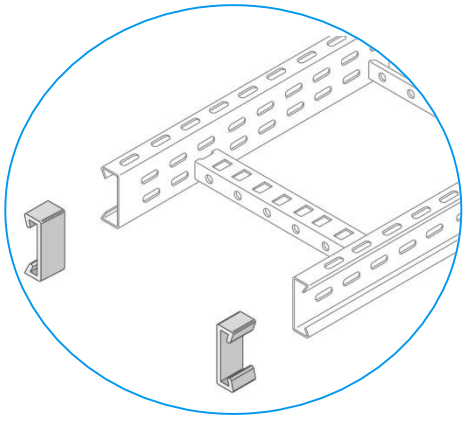


EMBOUTS DE PROTECTION

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

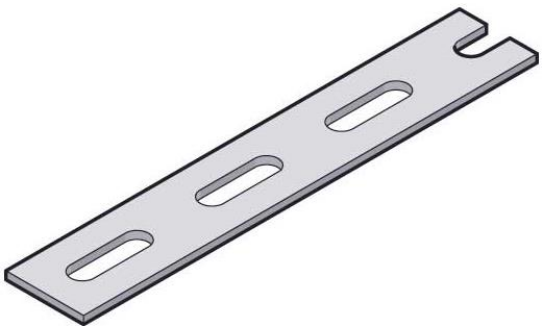






NIEDAX France

PROFILÉS



Plats p.107

Cornières p.107

U p.107

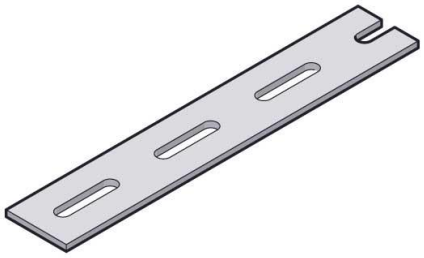
Z p.108

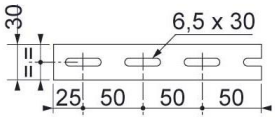
Oméga p.108

Pontets Oméga p.109

PLATS A521 – 3 M

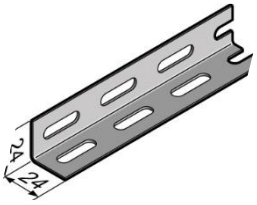
	m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	PLAT A521 30x3.00 6.5x30 3M I2	**313051**	3.00	0.620
I3	3	PLAT A521 30x4.00 6.5x30 3M I3	**213053**	4.00	0.840

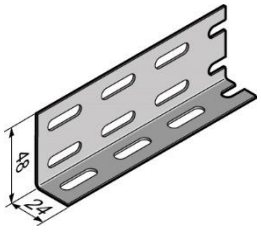


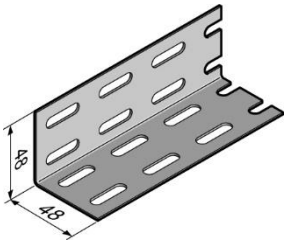


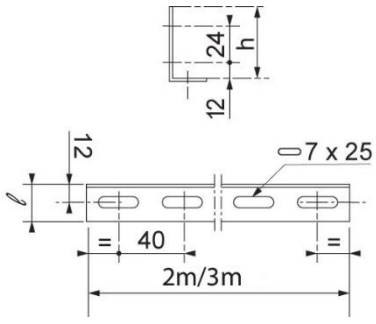
CORNIÈRES A560 – 3 M

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



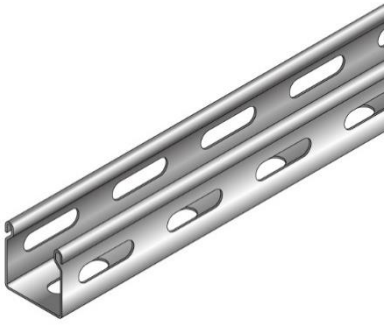


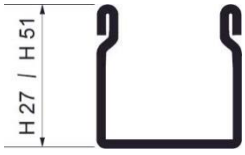




UPS A540 – 3 M

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

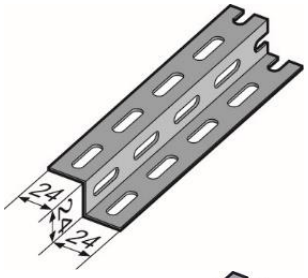


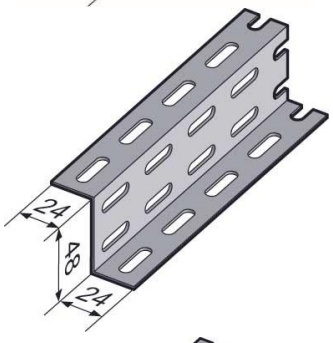


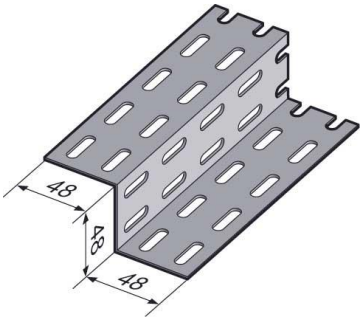
Z A570 – 3 M

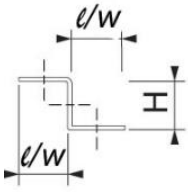
	m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	Z A570 24x24x24x1.50 3M I2	**316003**	1.50	0.717
	3	Z A570 24x48x24x1.50 3M I2	**316006**	1.50	0.956
	3	Z A570 48x48x48x1.50 3M I2	**316009**	1.50	1.430

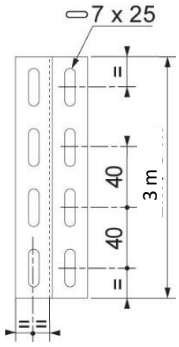
	m	Désignation	Code	Ep. mm	Masse kg/ml
I3	3	Z A570 24x24x24x1.50 3M I3	**216002**	1.50	0.713
	3	Z A570 24x48x24x1.50 3M I3	**216005**	1.50	0.950
	3	Z A570 48x48x48x1.50 3M I3	**216008**	1.50	1.430





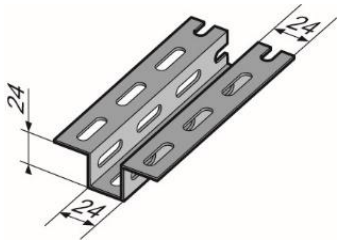


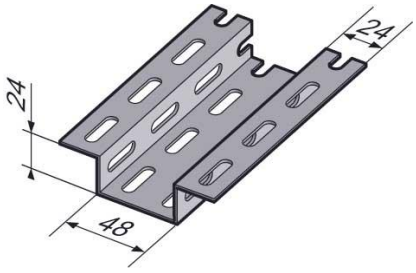


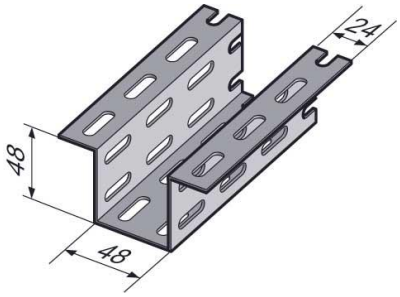


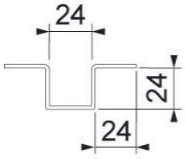
OMEGA A575 – 3 M

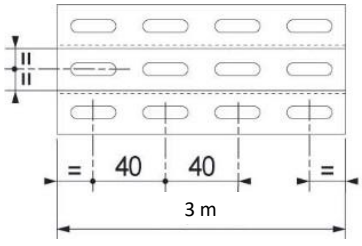
	m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	OMEGA A575 24x24x24x1.50 3M I2	**317002**	1.50	1.180
	3	OMEGA A575 24x48x24x1.50 3M I2	**317005**	1.50	1.420
	3	OMEGA A575 48x48x24x1.50 3M I2	**317008**	1.50	1.910





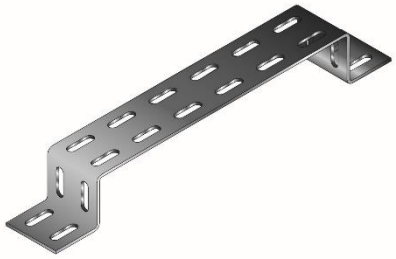




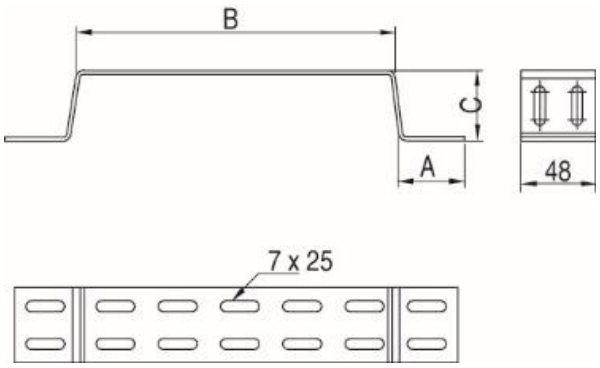


PONTETS OMEGA

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

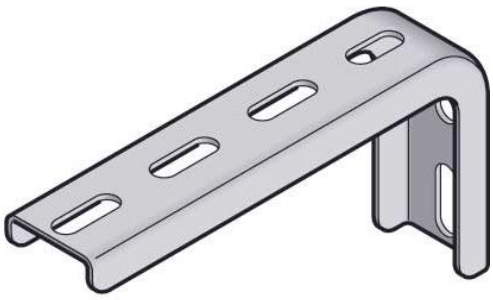


	p	Désignation	Code	Ep. mm	A mm	B mm	C mm	Masse kg/p
I3	1	PO 40x 80x40x1.50 I2	**240216**	1.50	42.5	85	45	0.110
	1	PO 40x200x40x1.50 I2	**240219**	1.50	42.5	205	45	0.170



NIEDAX France

SUPPORTAGE

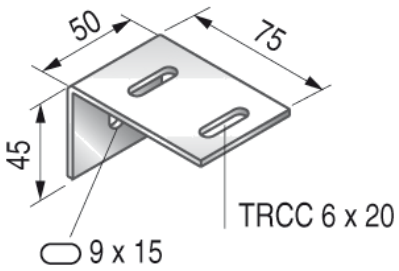


- Supports Légers p.111
- Supports Moyens p.114
- Supports Lourds p.124

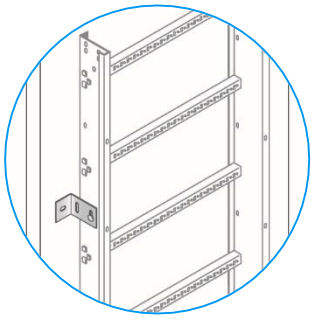
ÉQUERRES 75x45

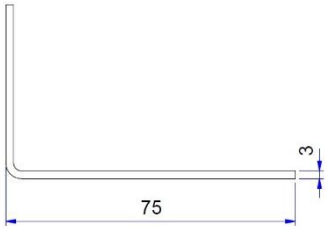
	p	Désignation	Code	daN	Masse kg/p
I2	1	EQU 75x45 EP2 I2	**616001**	25	0.090

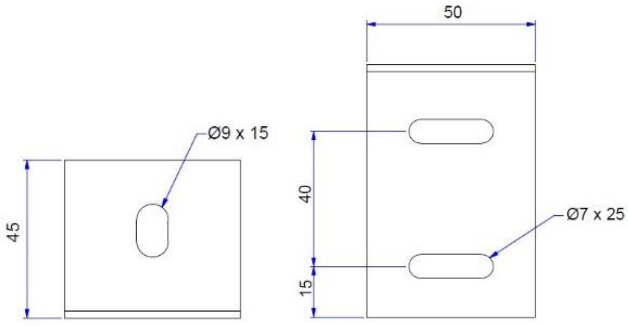
	p	Désignation	Code	daN	Masse kg/p
I3	1	EQU 75x45 EP2 I3	**617001**	25	0.085



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



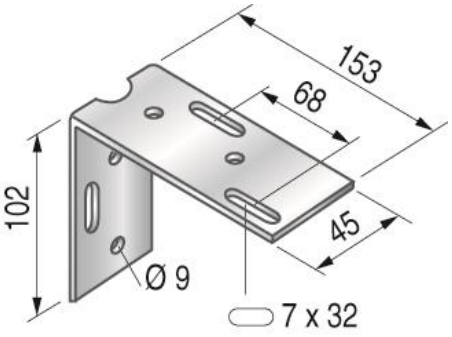


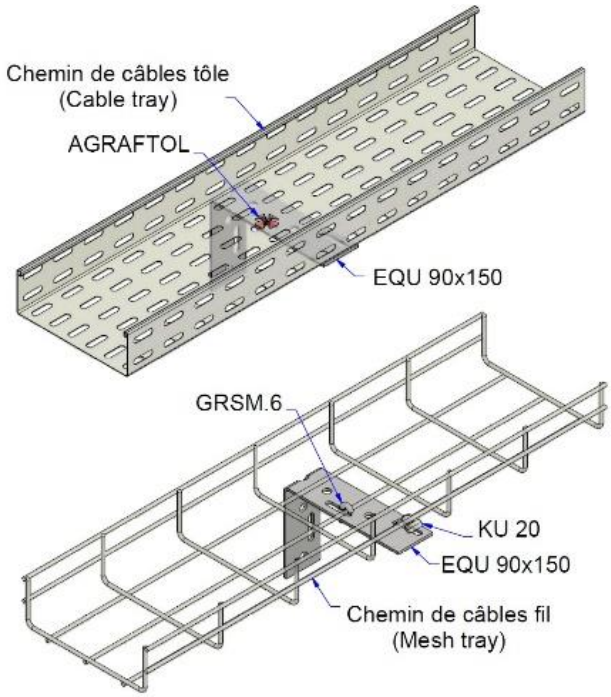


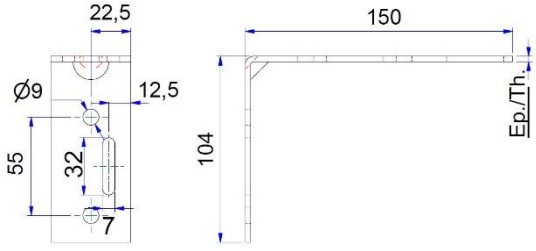
ÉQUERRES 90x150

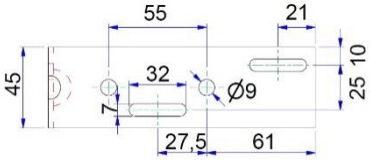
	p	Désignation	Code	daN	Masse kg/p
I3	1	EQU 90x150 I3	**617123**	20	0.244

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





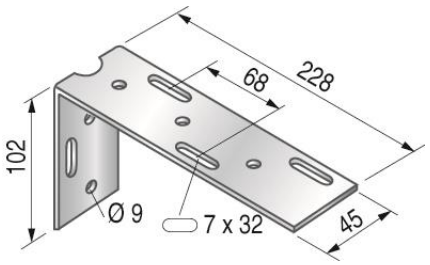


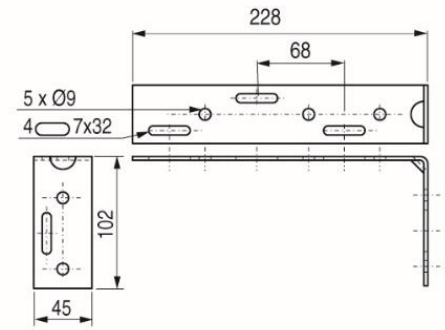


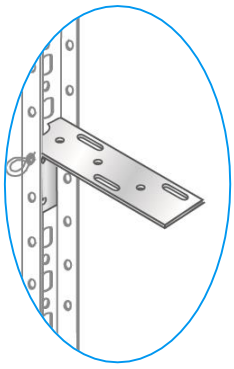
ÉQUERRES 90x225

	p	Désignation	Code	daN	Masse kg/p
I3	1	EQU 90x225 I3	**617124**	16	0.250

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

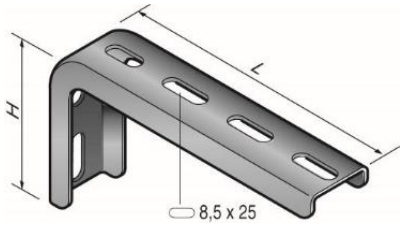




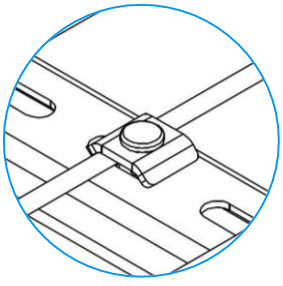


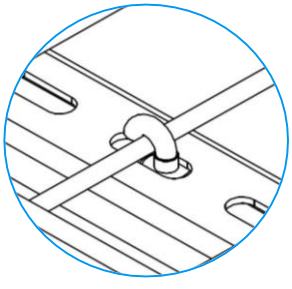
CONSOLES CU

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

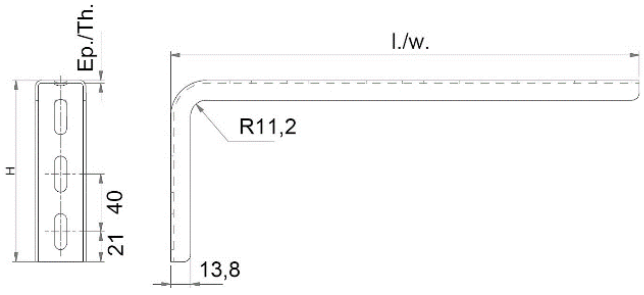


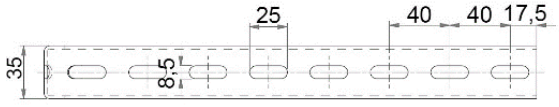
	p	Désignation	Code	Ep. mm	H. mm	l. mm	daN	Masse kg/ml
I3	10	CU 80 I3	**211020**	1.50	86	86	120	0.090
	1	CU 120 I3	**211021**	1.50	86	126	90	0.120
	1	CU 160 I3	**211010**	1.50	86	166	70	0.140
	1	CU 240 I3	**211011**	1.50	126	246	60	0.210
	1	CU 320 I3	**211012**	1.50	126	326	40	0.310
	10	CU 320x200 I3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





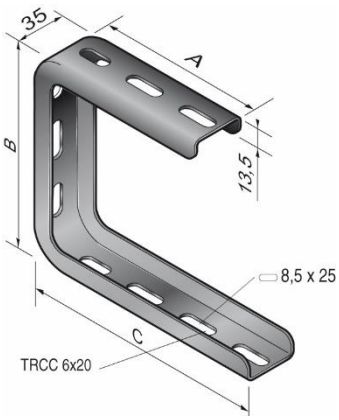
- Fixation des dalles perforées par BP TRCC M6x12 ou Agraftol
- Fixation des CDC fil par GRSM.6 et KU20



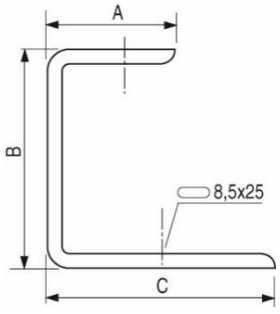


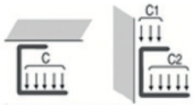
SUPPORTS CCU

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

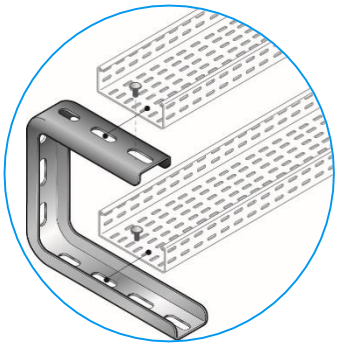


	p	Désignation	Code	Ep. mm	A mm	B mm	C mm	Masse kg/p
I3	1	CCU 80x140x160 I3	**212349**	1.50	86	137	166	0.212
	1	CCU 120x180x160 I3	**212350**	1.50	136	177	166	0.350
	1	CCU 120x260x160 I3	**212351**	1.50	126	257	166	0.410
	1	CCU 120x180x240 I3	**212352**	1.50	126	177	246	0.310
	1	CCU 120x340x240 I3	**212354**	1,50	126	337	246	0,420
	1	CCU 160x260x240 I3	**212353**	1.50	166	257	246	0.377





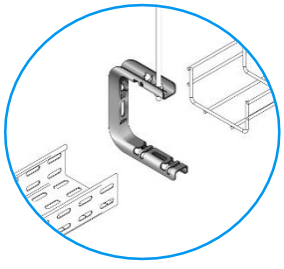
	CHARGES		
DESCRIPTION	C(DaN)	C1(DaN)	C2(DaN)
CCU 80x140x160	70	120	75
CCU 120x180x160	65	100	75
CCU 120x260x160	60	100	75
CCU 120x180x240	50	100	55
CCU 160x260x240	45	70	50
CCU 120x340x240	40	100	55

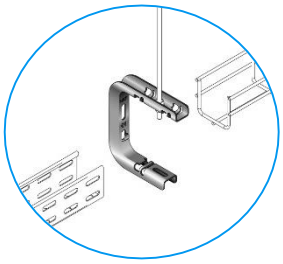


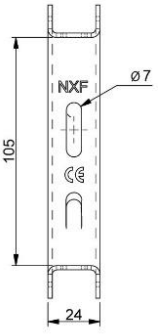
SUPPORTS SFT

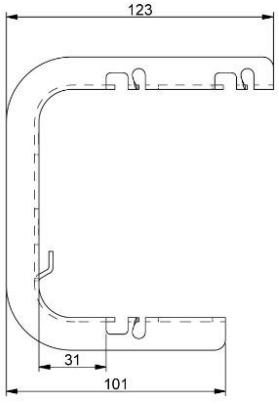
	p	Désignation	Code	daN	Masse kg/p
I3	25	SFT 50 - 100	**750050**	20	0.200

- 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 ∅ 6mm au plafond









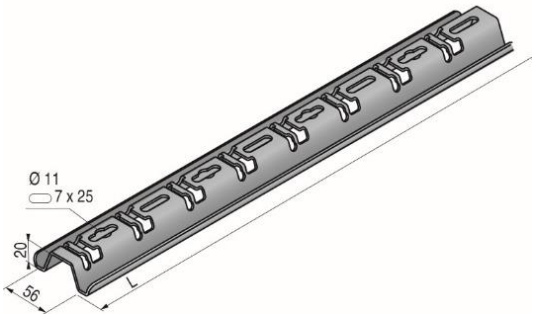
GAMME S100U

Système universel pour chemins de câbles en tôle et en fil

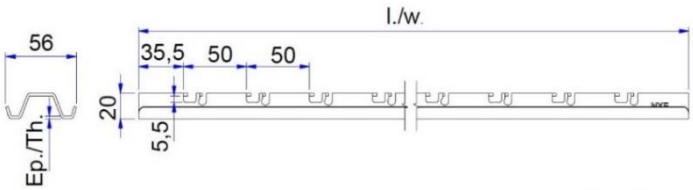
- Fixation **sans boulons** pour les chemins de câbles en fil
- Fixation **murale** ou **plafond directe**
- Fixation des consoles sur **rail S100U** ou **STRUT 41**
- Breveté

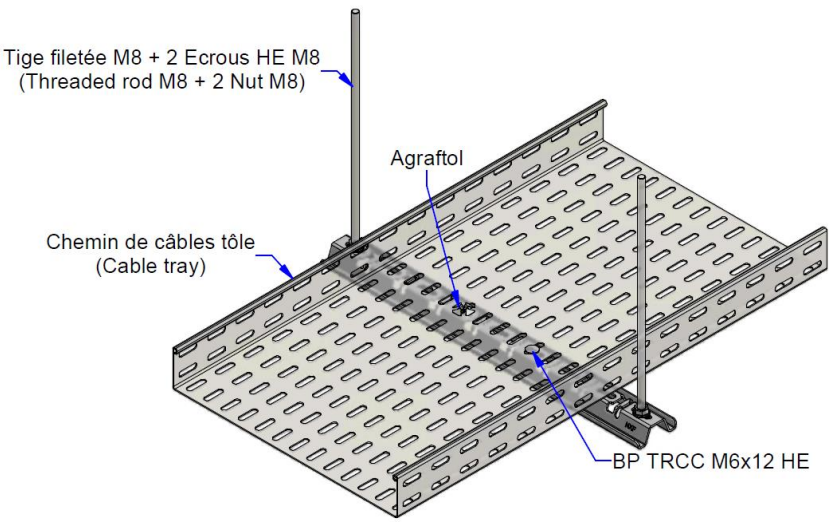
RAILS S100U AU MÈTRE

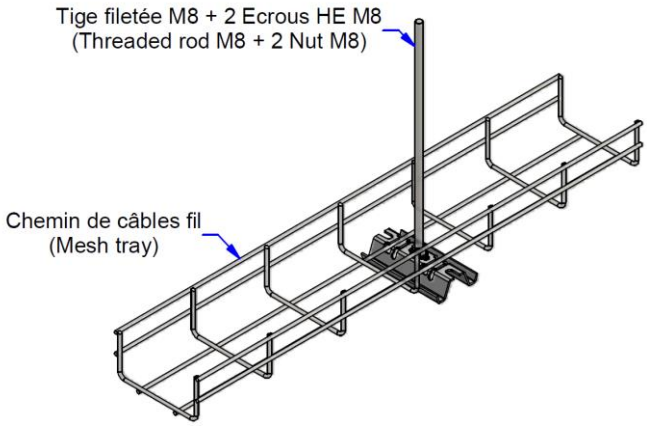
	m	Désignation	Code	Ep. mm	Masse kg/ml
I3	1	S100U 1M I3	**750107**	2.00	1.190
	2	S100U 2M I3	**750110**	2.00	1.190
	3	S100U 3M I3	**750111**	2.00	1.220



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

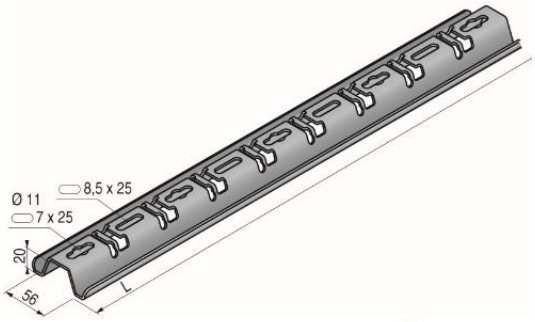




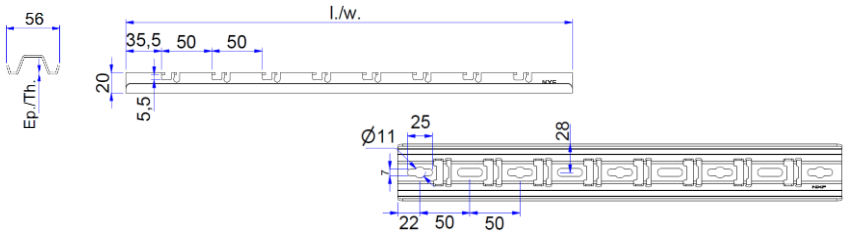


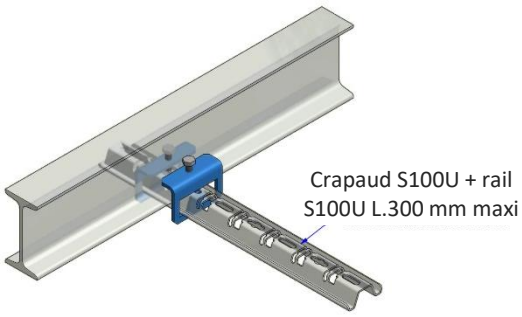
RAILS S100U A LA PIÈCE

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



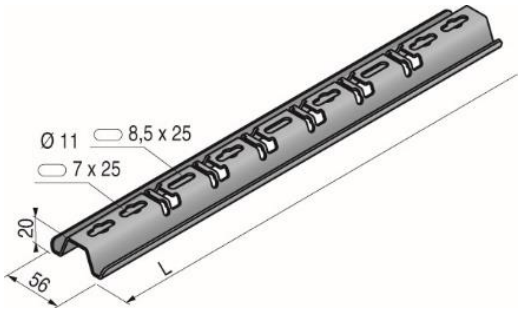
- Fixation des dalles perforées par TRCC M6x12 ou Agraftol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis



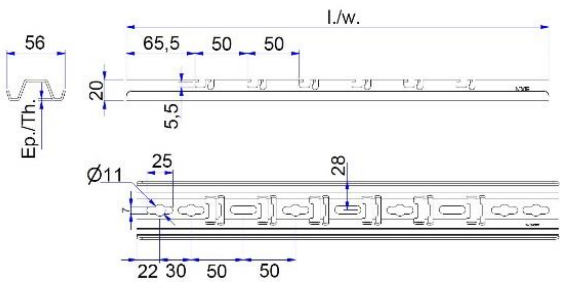


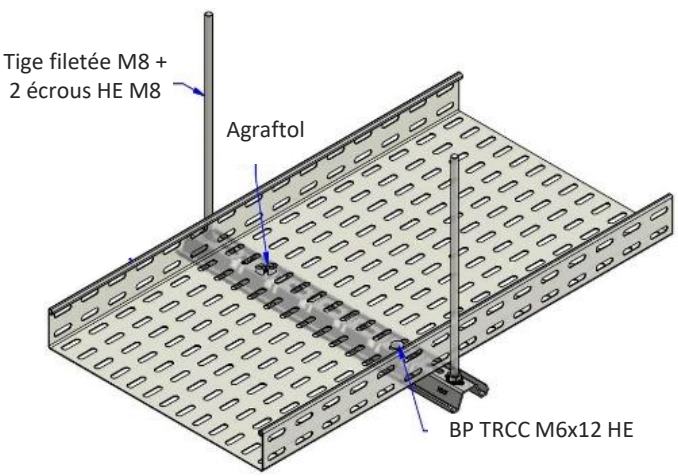
BALANCELLES S100U

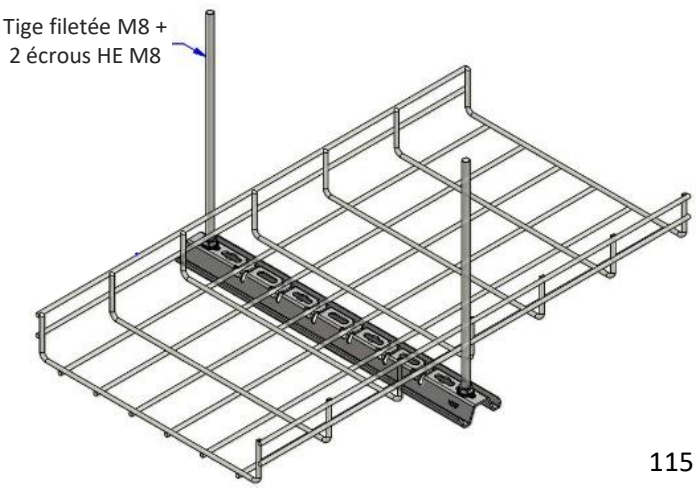
	p	Désignation	Code	Ep. mm	Masse kg/p
I3	10	BALANCELLE S100U 100 I3	**750201**	2.00	0.260
	10	BALANCELLE S100U 150 I3	**750202**	2.00	0.320
	10	BALANCELLE S100U 200 I3	**750203**	2.00	0.380
	10	BALANCELLE S100U 300 I3	**750204**	2.00	0.500
	10	BALANCELLE S100U 400 I3	**750205**	2.00	0.620
	10	BALANCELLE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



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





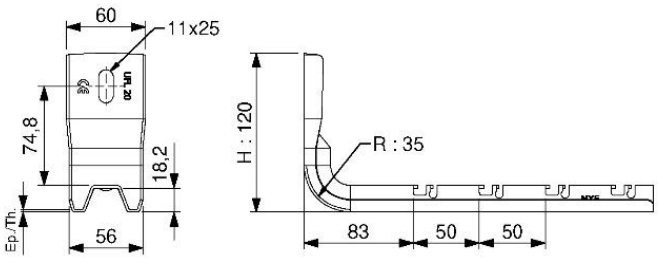


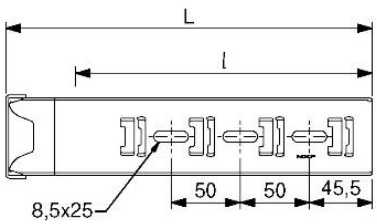
CONSOLE UFL

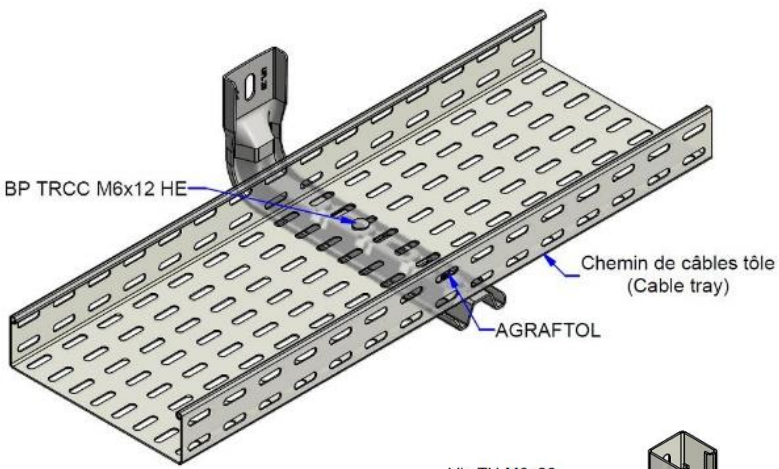
	p	Désignation	Code	Ep. mm	H. mm	l. mm	daN	Masse kg/p
I3	20	UFL-10 I3	**750001**	2.00	120.00	100	130	0.320
	20	UFL-15 I3	**750002**	2.00	120.00	150	108	0.380
	20	UFL-20 I3	**750003**	2.00	120.00	200	86	0.430
	20	UFL-25 I3	**750004**	2.00	170.00	250	75	0.560
	20	UFL-30 I3	**750005**	2.00	170.00	300	64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

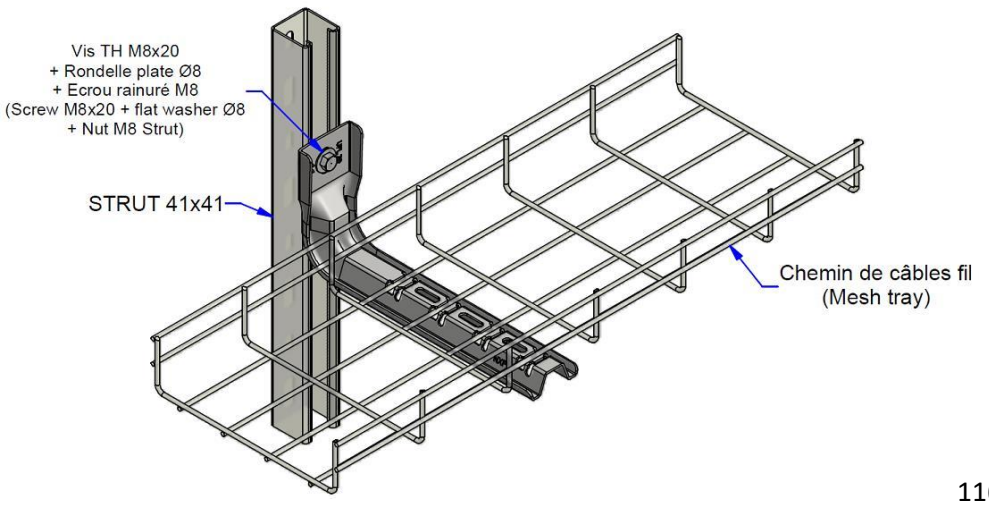
- Pour **montage mural, sur rail S100U ou STRUT 41**
- Fixation des dalles perforées par TRCC M6x12 ou Agraftol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis

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







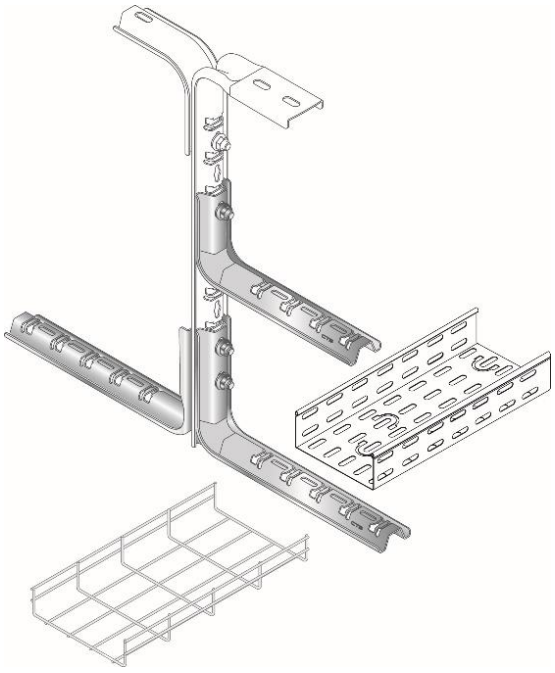


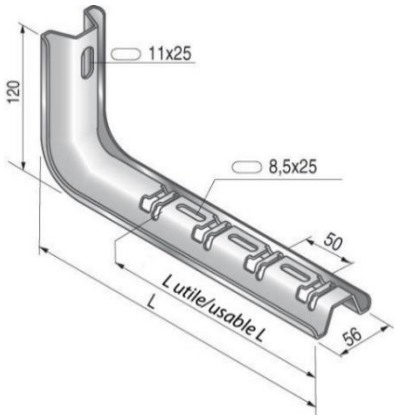
CONSOLE UFLP

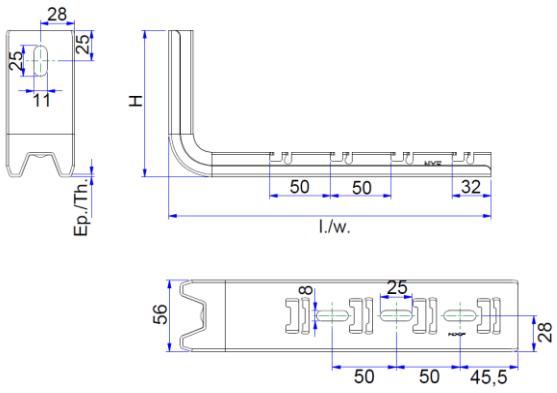
	p	Désignation	Code	Ep. mm	H. mm	l. mm	L. mm	daN	Masse kg/p
I3	20	UFLP-10 I3	**750030**	2.00	120	100	165	130	0.310
	20	UFLP-15 I3	**750031**	2.00	120	150	215	108	0.370
	20	UFLP-20 I3	**750032**	2.00	120	200	265	86	0.460
	20	UFLP-25 I3	**750033**	2.00	170	250	315	75	0.550
	20	UFLP-30 I3	**750034**	2.00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





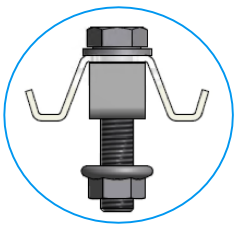


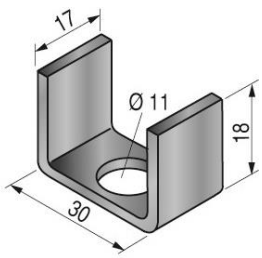
CLAME S100U

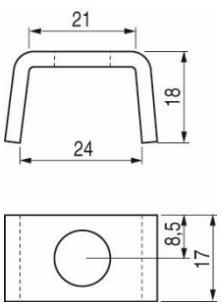
	p	Désignation	Code	Masse kg/p
I3	50	CLAME S100U I3	**555113**	0.016

Recommandée pour des montages de :

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



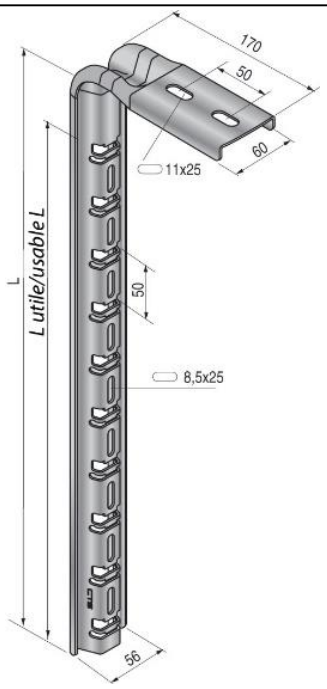


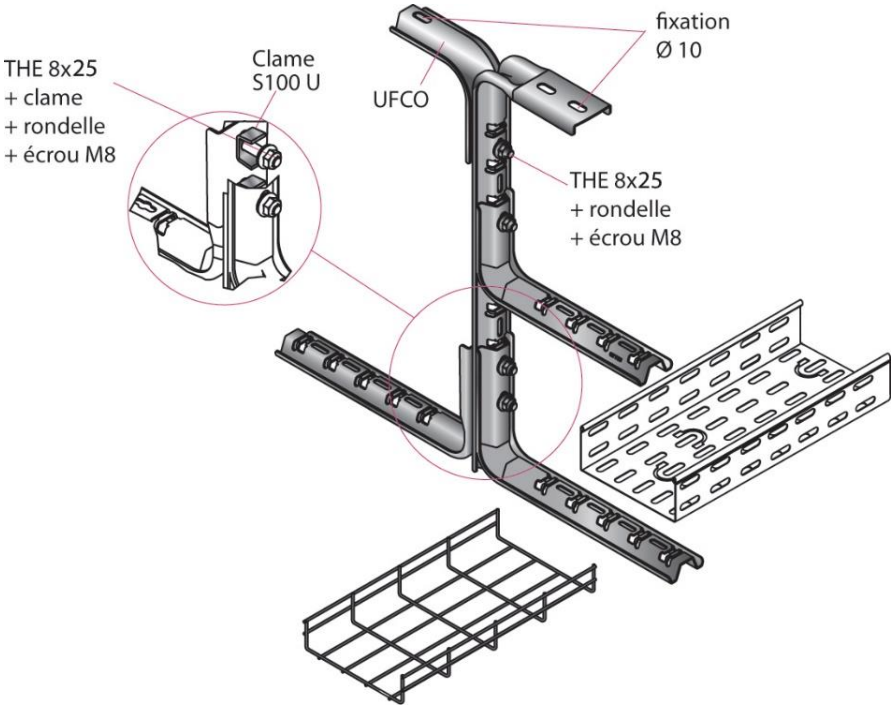


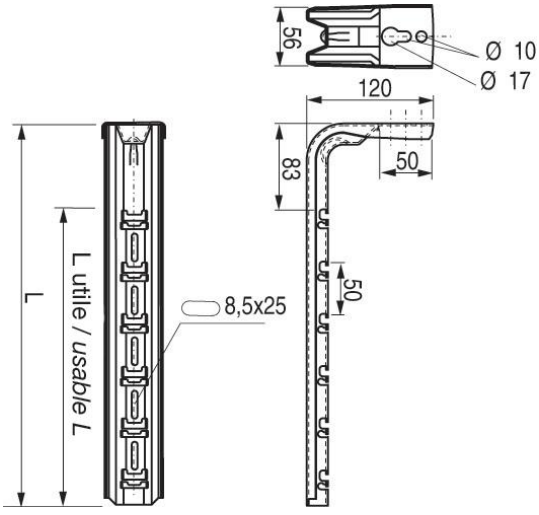
PENDARDS UFL

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

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

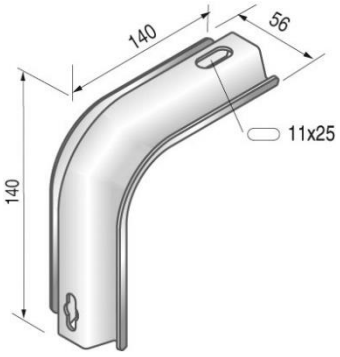


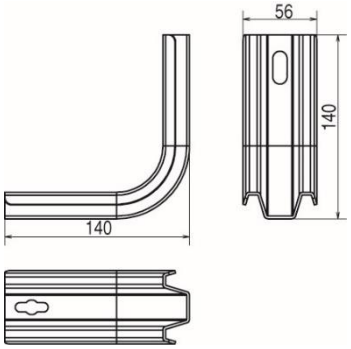




CONTREVENTEMENTS UFCO

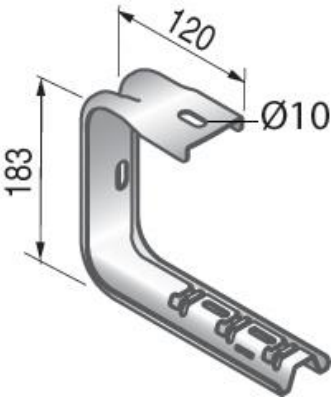
	p	Désignation	Code	Ep. mm	H. mm	L. mm	Masse kg/p
I3	20	UFCO I3	**750040**	2.00	140	140	0.320





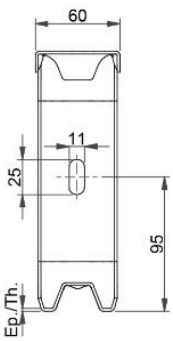
SUPPORTS UFC- HAUTEUR 185

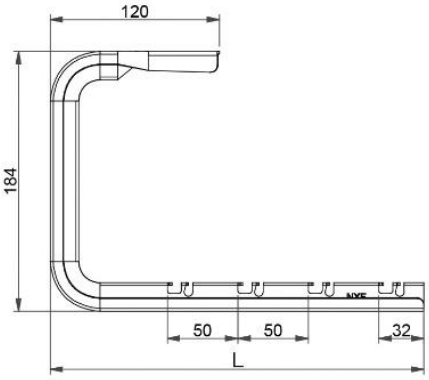
	P	Désignation	Code	Ep. mm	l. mm	L. mm	daN	Masse kg/p
I3	20	UFC-10 120x185x100 I3	**750010**	2.00	100	165	122	0.530
	20	UFC-15 120x185x150 I3	**750011**	2.00	150	215	100	0.600
	20	UFC-20 120x185x200 I3	**750012**	2.00	200	265	81	0.670
	20	UFC-25 170x185x250 I3	**750013**	2.00	250	315	65	0.800
	20	UFC-30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

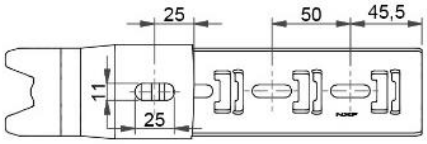


- Fixation des dalles perforées par TRCC M6x12 ou Agraftol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis

l. mm : largeur admissible du chemin de câbles ou longueur utile du support
L.mm : longueur totale de la console

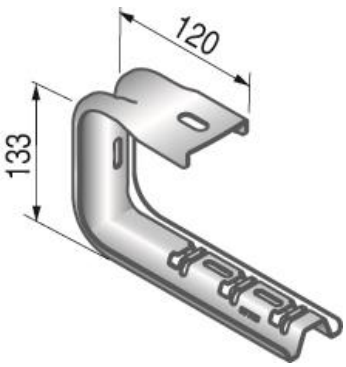






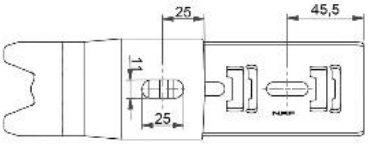
SUPPORTS UFCC- HAUTEUR 135

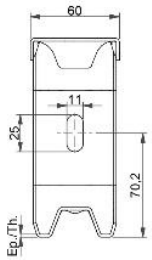
	p	Désignation	Code	Ep. mm	l. mm	L. mm	daN	Masse kg/p
I3	20	UFCC-10 120x135x100 I3	**750016**	2.00	100	165	122	0.480
	20	UFCC-15 120x135x150 I3	**750017**	2.00	150	215	100	0.530
	20	UFCC-20 120x135x200 I3	**750018**	2.00	200	265	81	0.590
	20	UFCC-25 170x135x250 I3	**750019**	2.00	250	315	65	0.710
	20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

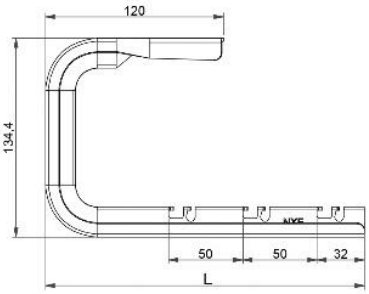


- Fixation des dalles perforées par TRCC M6x12 ou Agraftol
- Verrouillage du chemin de câbles Fil à l'aide d'un tournevis

l. mm : largeur admissible du chemin de câbles ou longueur utile du support
L.mm : longueur totale de la console







GAMME S150U

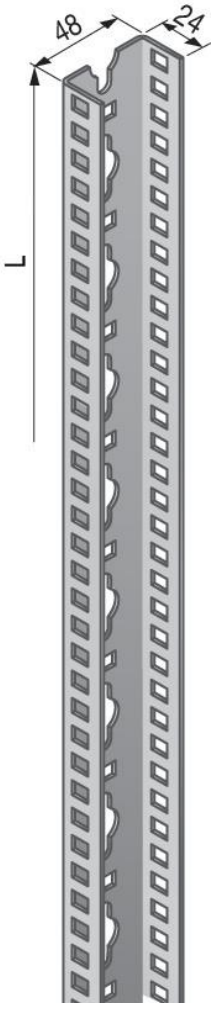
Système universel pour chemins de câbles fil ou tôle

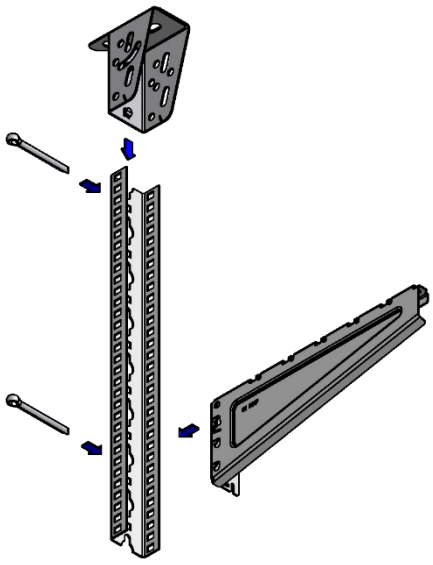
- **Sécurisant** : le montage des consoles dans l'échelle ne peut être déboîté
- **Rapide** : encliquetage sans boulons
- Fixation **murale directe**
- Fixation sur **échelle S150U** pour pendard simple, double ou dos à dos
- Fixation sur rail **STRUT 41**

ÉCHELLES S150U AU MÈTRE

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

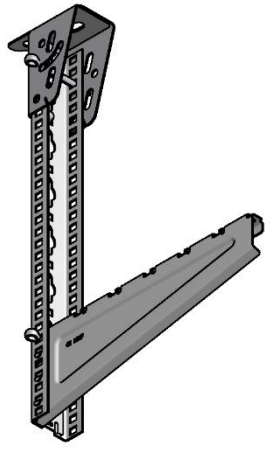
	m	Désignation	Code	Ep. mm	Masse kg/ml
I3	1	S150U 1M EP2 I3	**760106**	2.00	1.217
	2	S150U 2M EP2 I3	**760101**	2.00	1.217
	3	S150U 3M EP2 I3	**760102**	2.00	1.217

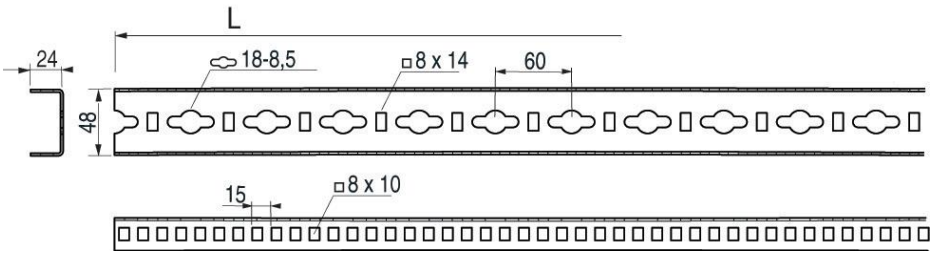




ÉCHELLES S150U A LA PIÈCE

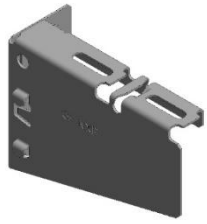
	p	Désignation	Code	Ep. mm	Masse kg/p
I3	1	S150U 250 EP2 I3	**760107**	2.00	0.260
	1	S150U 500 EP2 I3	**760108**	2.00	0.581



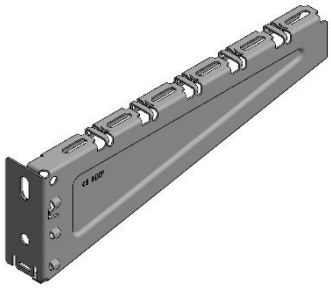


CONSOLES S150U

	p	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

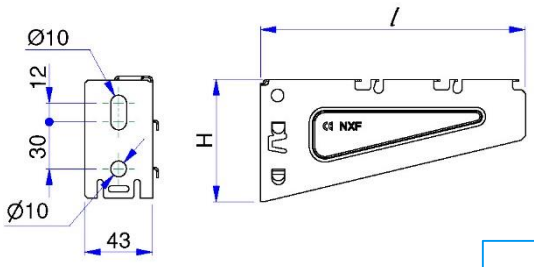


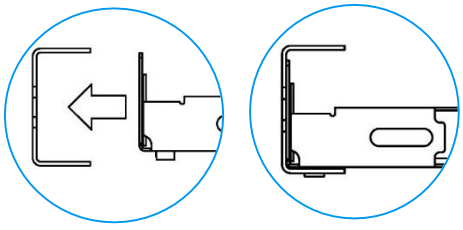
	p	Désignation	Code	Ep. mm	H. mm	l. mm	L. mm	daN	daN	Masse kg/p
I3	1	C100N I3	**760021**	1.20	77	100	118	70	90	0.130
	1	C150N I3	**760022**	1.00	77	150	168	75	90	0.160
	1	C200N I3	**760023**	1.00	77	200	218	55	120	0.180
	1	C300N I3	**760024**	1.00	107	300	318	130	190	0.470
	1	C400N I3	**760025**	1.00	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

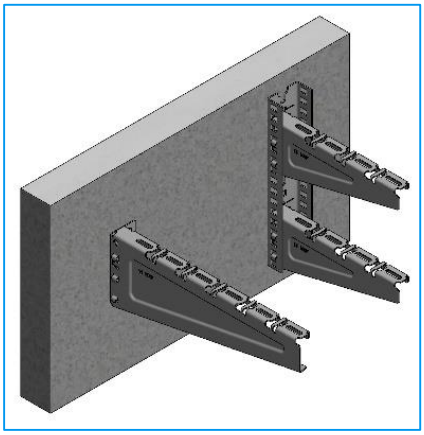


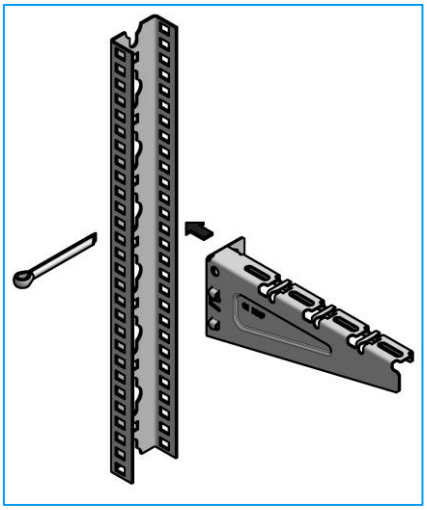
- Montage **mural direct** ∅ 8 à 12 mm ou sur **échelle S150U** ou **rail STRUT 41**
- Fixation des dalles perforées avec **Agraftol** ou **BP TRCC M6x12**
- **CPS sur rail** : les valeurs indiquées correspondent à un **montage avec goupille**

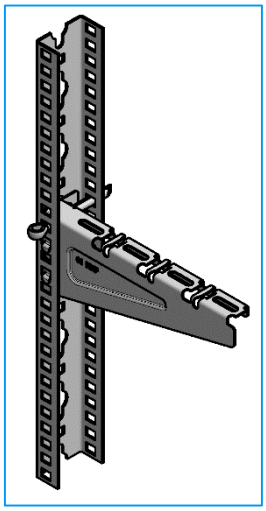
l. mm : largeur admissible du chemin de câbles ou longueur utile de la console
L. mm : longueur totale de la console





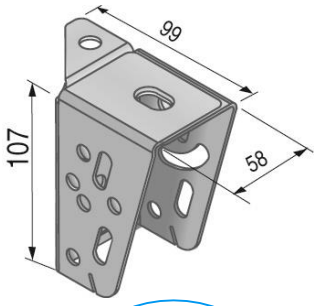






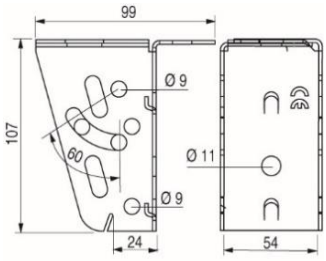
GOUSSETS S150U A ERGOTS

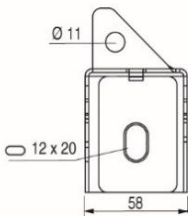
	p	Désignation	Code	Ep. mm	m.daN	daN	Masse kg/p
I3	25	GOUSSET S150U ERGOT I3	**760201**	2.00	30	600	0.264

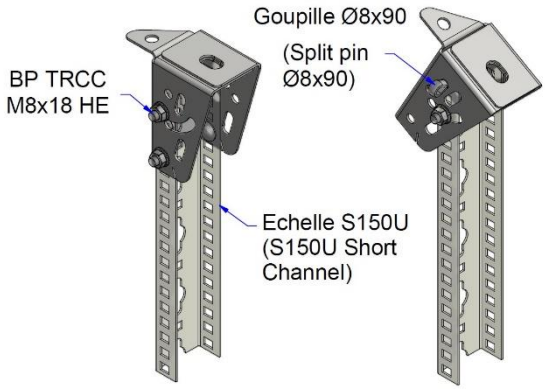


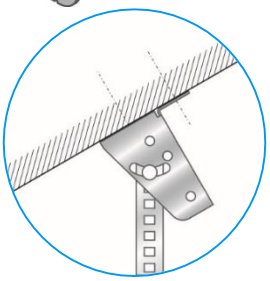
Montage sur rail S150U par **encliquetage**, **sans boulons**
1 seule pièce, 4 fonctions *:*

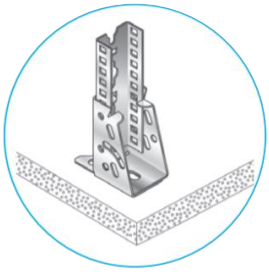
- Gousset **simple** ou **orientable**
- Gousset de **pied**
- **Double** gousset pour pendard double





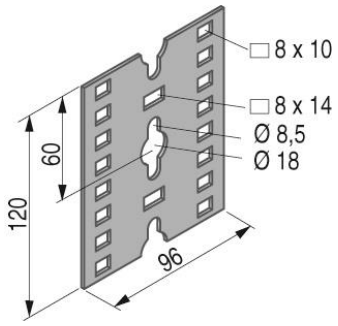






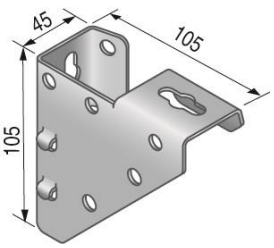
ENTRETOISE S150U

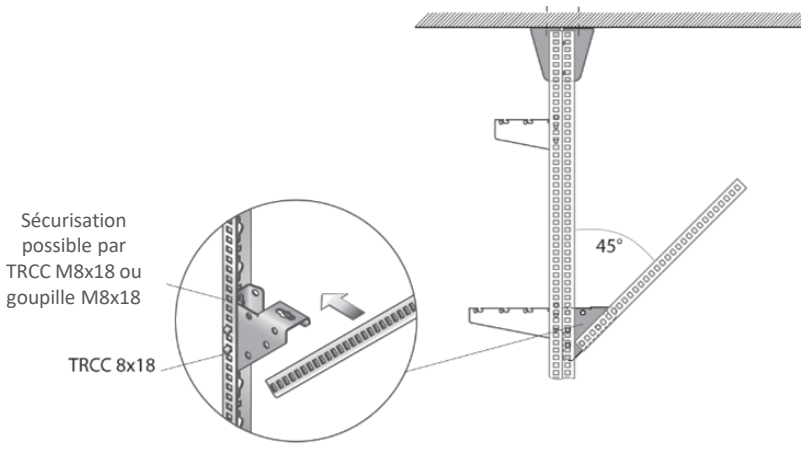
	p	Désignation	Code	Masse kg/p
I3	25	ENTRETOISE S150U I3	**760202**	0.106

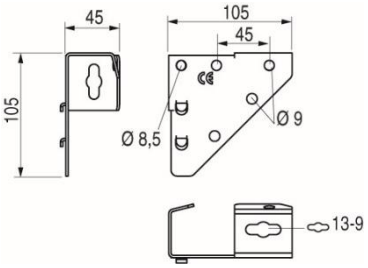


ÉQUERRES S150U A ERGOTS

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

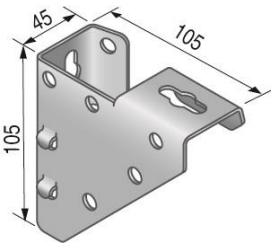


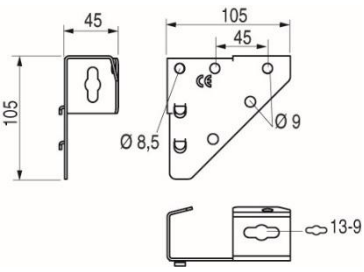


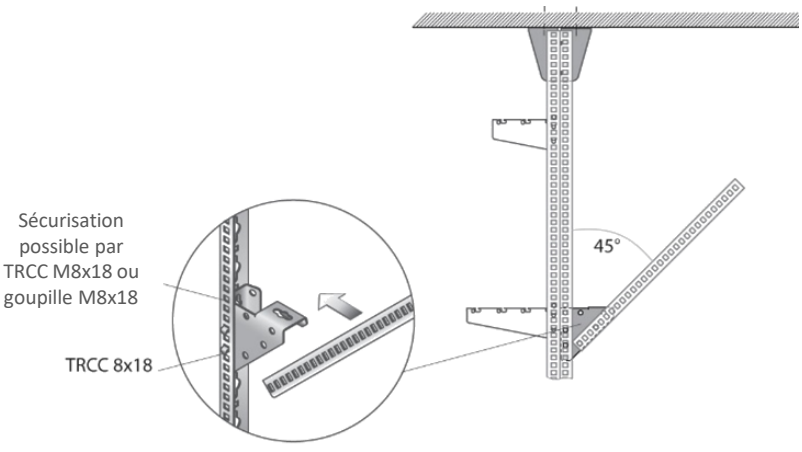


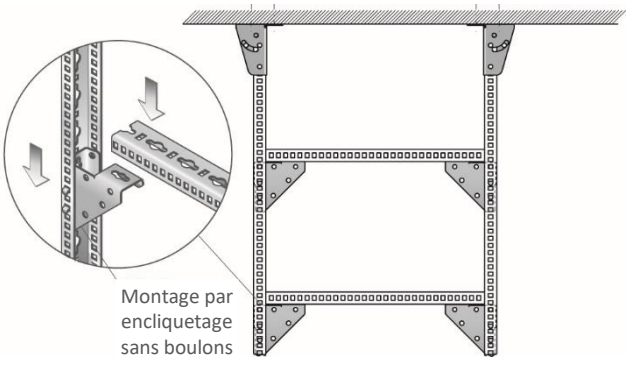
ÉQUERRES S150U A ERGOTS

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







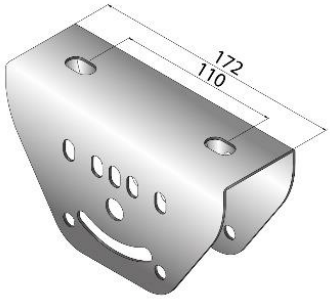


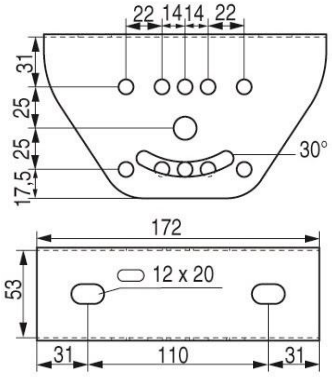
GOUSSET G10 B

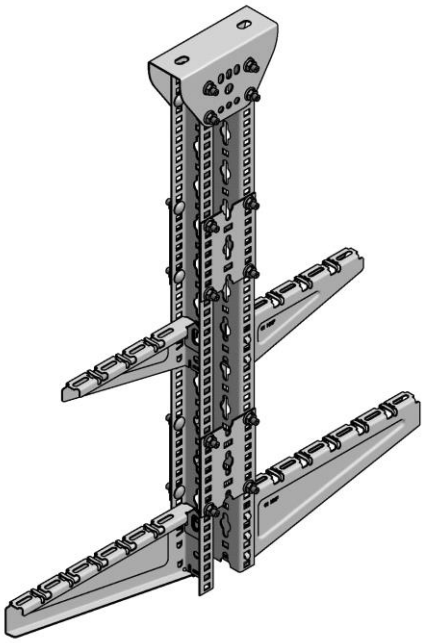
Pour confection de pendards : avec échelles S150U

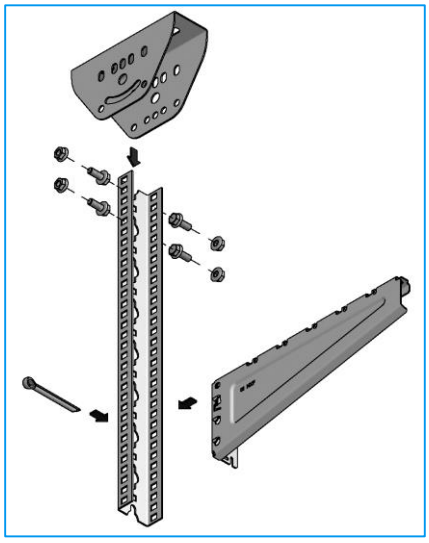
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	10	G 10 B I2	**616021**	1.50	0.400

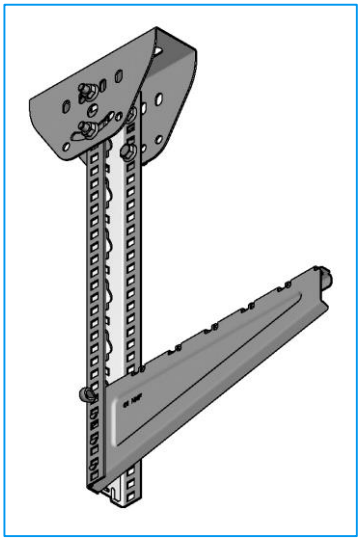
	p	Désignation	Code	Ep. mm	Masse kg/p
I3	10	G 10 B I3	**617021**	1.50	0.400











GAMME STRUT 41

Pour toute application de supportage lourd de 150 à 500 daN

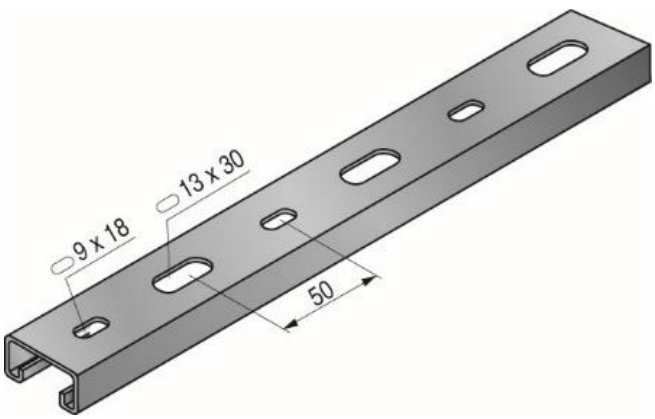
AVANTAGES :

- **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
I2	3	STRUT 41x21x2.00 P 3M I2	**655005**	2.00	1.320
	6	STRUT 41x21x2.00 P 6M I2	**655007**	2.00	1.448

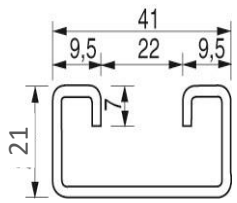
	m	Désignation	Code	Ep. mm	Masse kg/ml
I3	3	STRUT 41x21x2.00 P 3M I3	**656005**	2.00	1.415
	6	STRUT 41x21x2.00 P 6M I3	**656007**	2.00	1.470

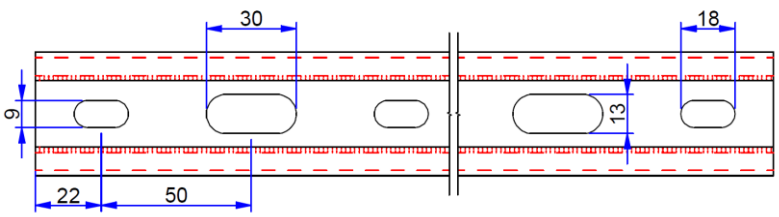


RAIL STRUT 41x21 PERFORÉS – PS 530

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

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

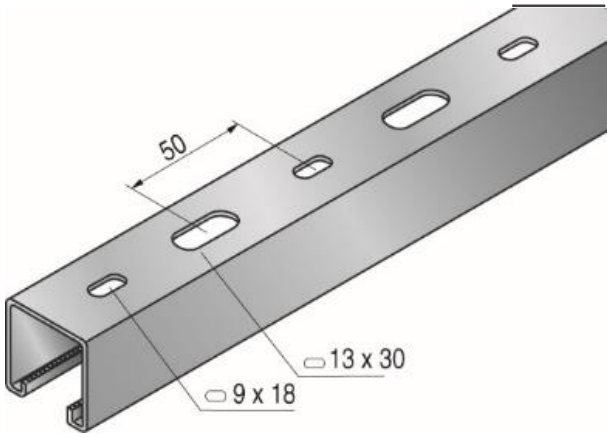




RAIL STRUT 41x41 PERFORÉS – PS 210U

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

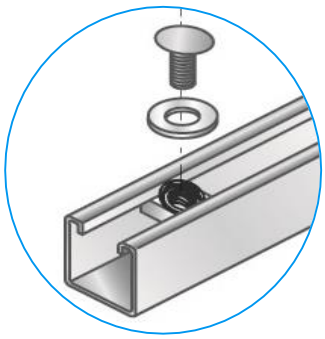
	m	Désignation	Code	Ep. mm	Masse kg/ml
I3	3	STRUT 41x41x2.00 P 3M I3	**656001**	2.00	2.052
	6	STRUT 41x41x2.00 P 6M I3	**656003**	2.00	1.890

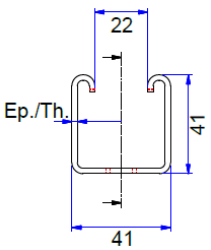


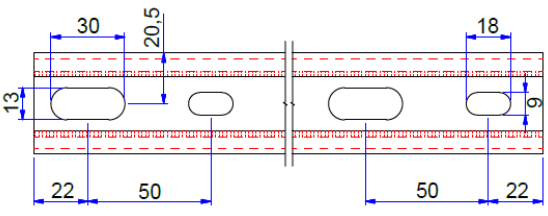
RAIL STRUT 41x41 PERFORÉS – PS 230U

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

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

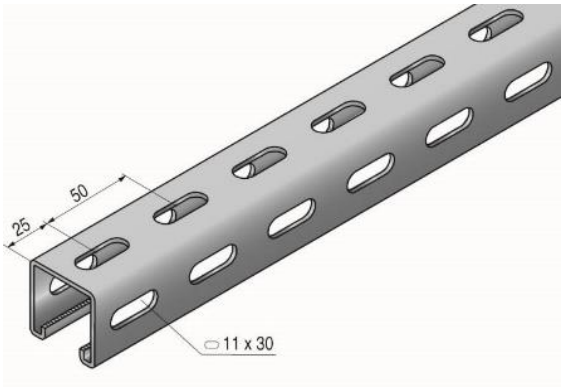






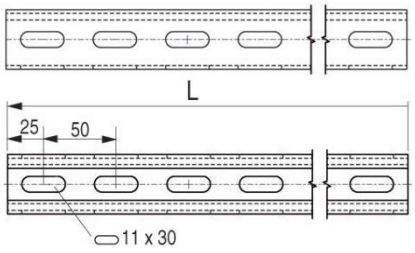
STRUT 41x41 PERFORÉS 3 FACES – PS210 3U

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



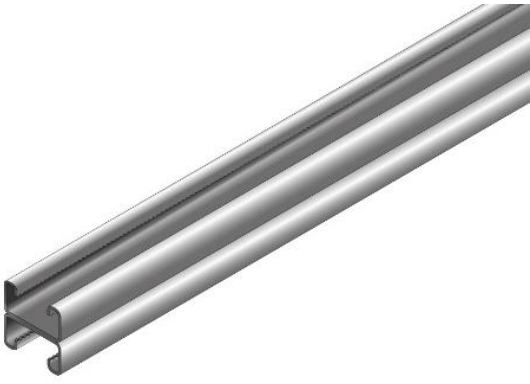
STRUT 41x41 PERFORÉS 3 FACES – PS230 3U

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



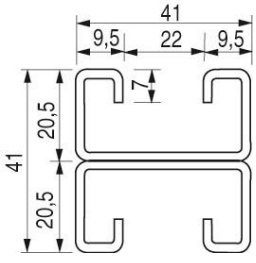
STRUT DOUBLES 41x21 NON PERFORÉS – PS501

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



STRUT DOUBLES 41x21 NON PERFORÉS – PS531

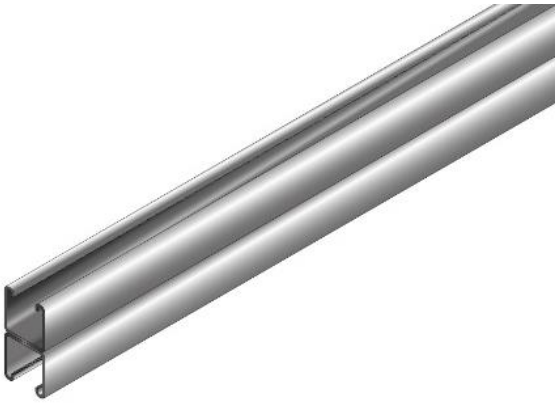
	p	Désignation	Code	Ep. mm	Masse kg/ml
I3	3	STRUT DOUBLE 41x21 Ep 2.5 NP 3M	**656023**	2.50	3.752
	6	STRUT DOUBLE 41x21 Ep 2.5 NP 6M	**656022**	2.50	3.752



STRUT DOUBLES 41x41 NON PERFORÉS – PS211 NP

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

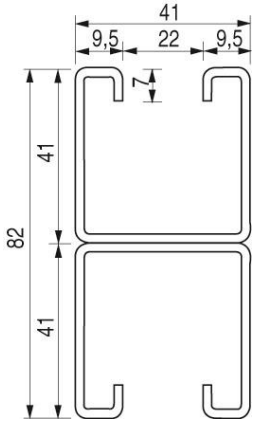
	m	Désignation	Code	Ep. mm	Masse kg/ml
I3	3	STRUT DBLE 41x41x2.00 NP 3M I3	**656010**	2.00	4.200
	6	STRUT DBLE 41x41x2.00 NP 6M I3	**656035**	2.00	4.300



STRUT DOUBLE 41x41 NON PERFORÉS – PS231 NP

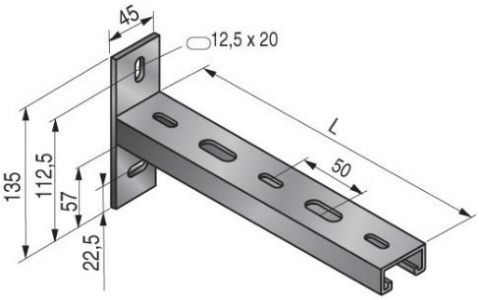
	m	Désignation	Code	Ep. mm	Masse kg/ml
I2	3	STRUT DBLE 41x41x2.50 NP 3M I2	**655016**	2.50	4.940

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



CONSOLES STRUT 41x21 – PS641

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

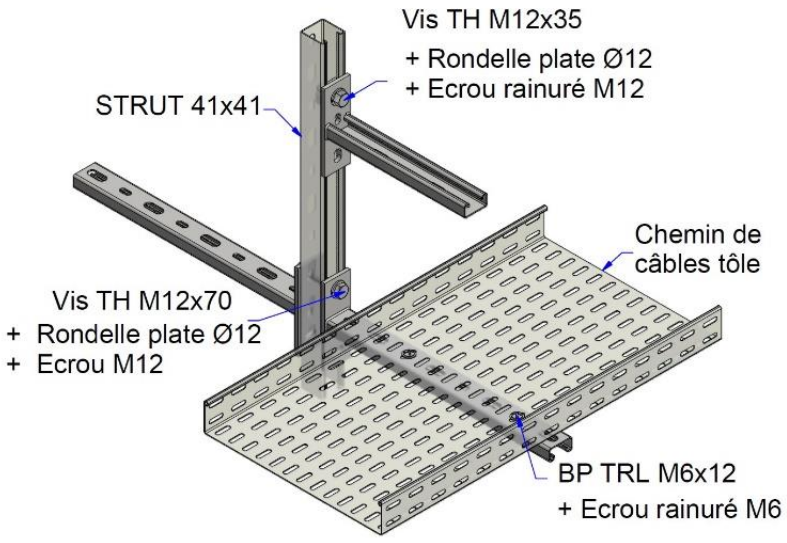


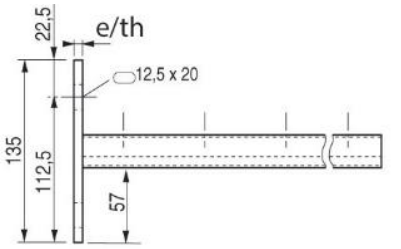
	p	Désignation	Code	H. mm	l. mm	daN	Masse kg/p
I3	1	CONSOLE STRUT 41x21 200 I3	**685142**	135	194	240	0.592
	10	CONSOLE STRUT 41x21 250 I3	**685143**	135	244	175	0.668
	10	CONSOLE STRUT 41x21 350 I3	**685145**	135	344	90	0.777
	1	CONSOLE STRUT 41x21 450 I3	**685147**	135	444	50	1.067

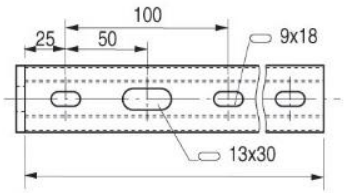
Attention :

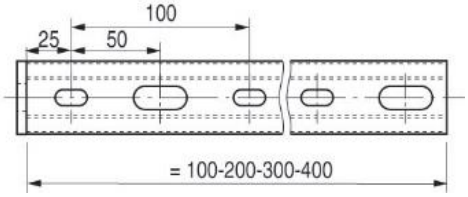
- Pour longueurs finissant **par 00** : départ de perforation côté platine > **oblong 9x18**
- Pour longueurs finissant **par 50** : départ de perforation côté platine > **oblong 9x18 ou 13x30**

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



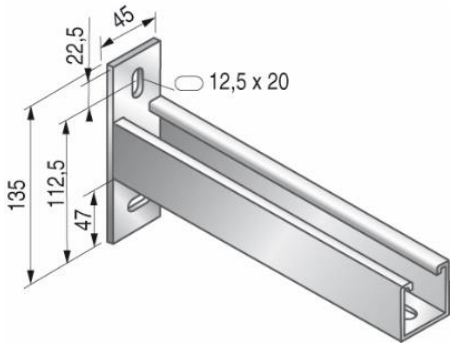






CONSOLES STRUT 41x41 – PS651

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

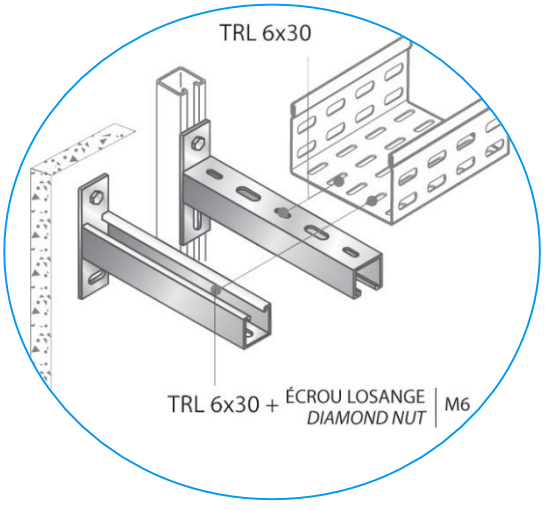


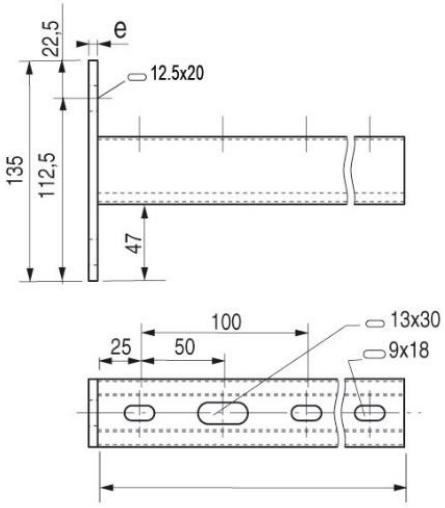
	p	Désignation	Code	l. mm	daN	Masse kg/p
I3	10	CONSOLE STRUT 41x41 200 I3	**685073**	194	500	2.330
	1	CONSOLE STRUT 41x41 250 I3	**685122**	244	400	0.828
	10	CONSOLE STRUT 41x41 350 I3	**685072**	344	320	0.978
	10	CONSOLE STRUT 41x41 450 I3	**685092**	444	280	1.498
	10	CONSOLE STRUT 41x41 550 I3	**685126**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

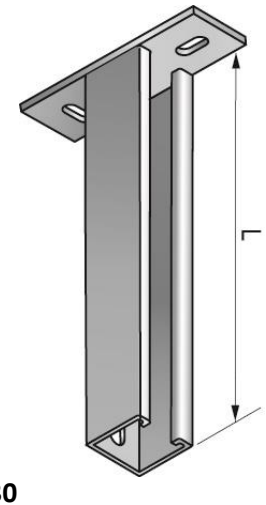
e = 6 mm pour longueurs inférieures à 400 mm
e = 8 mm pour longueurs supérieures à 400 mm
l. mm : longueur utile de la console





PENDARDS STRUT 41x41 – PS651

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

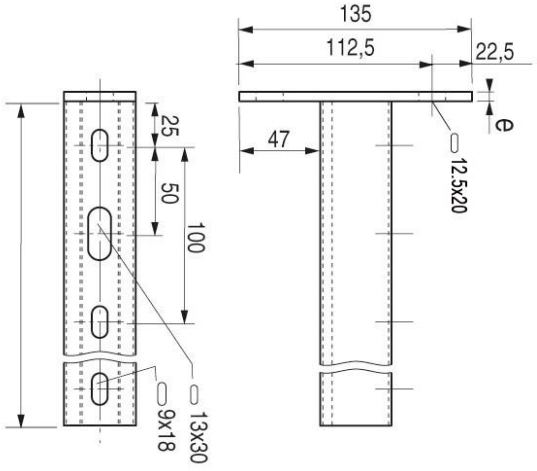


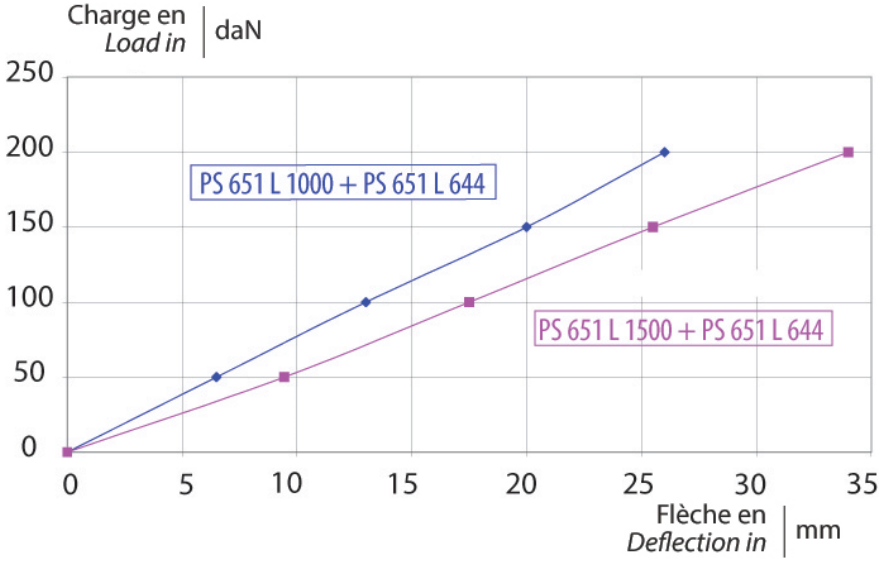
	p	Désignation	Code	L. mm	m.daN	Masse kg/p
I3	1	PENDARD STRUT 41x41/1000 I3	**685432**	994	95	2.834
	1	PENDARD STRUT 41x41/1500 I3	**685380**	1494	95	3.944

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**

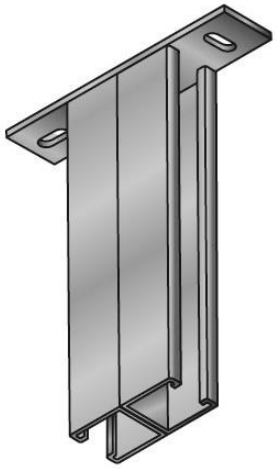
e = 8 mm pour longueurs supérieures à 400 mm
l. mm : longueur utile du pendard





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

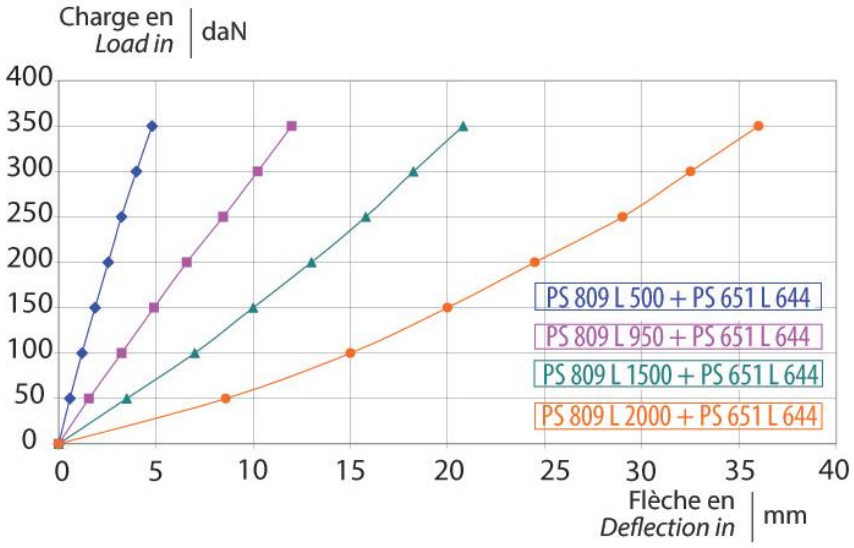


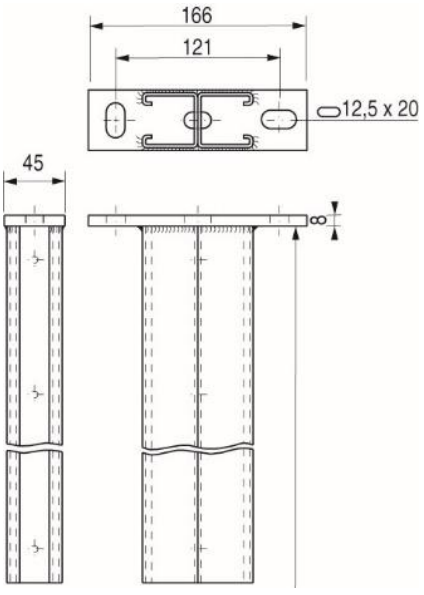
	p	Désignation	Code	m.daN	Masse kg/p
I3	1	PENDARD STRUT DBL41x82 350 I3	**685128**	180	2.320
	1	PENDARD STRUT DBL41x82 500 I3	**685129**	180	3.120
	1	PENDARD STRUT DBL41x82 650 I3	**685130**	180	3.920
	1	PENDARD STRUT DBL41x82 800 I3	**685131**	180	4.720
	1	PENDARD STRUT DBL41x82 950 I3	**685132**	180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

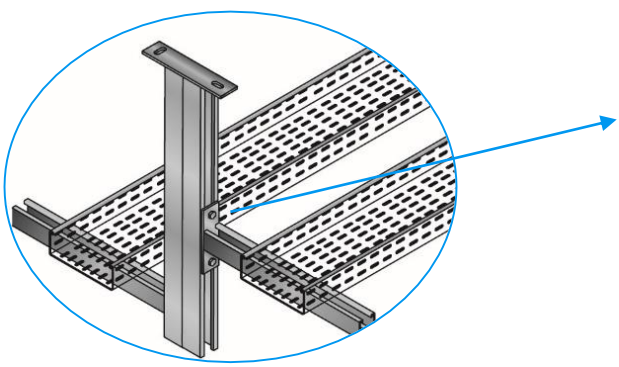
<u>Attention</u> :

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

e = 8 mm pour longueurs supérieures à 400 mm
l. mm : longueur utile du pendard



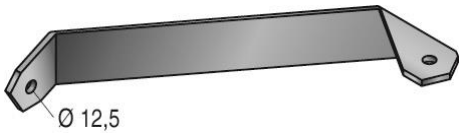




RAIDISSEUR STRUT RÉVERSIBLE

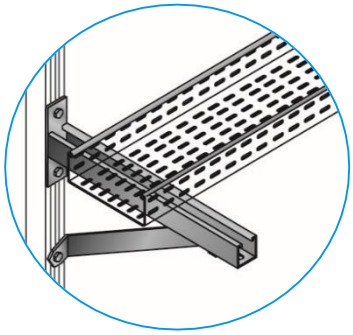
	p	Désignation	Code	Ep. mm	Masse kg/p
I2	1	RAIDISSEUR STRUT 41 I2	**684125**	5.00	0.891

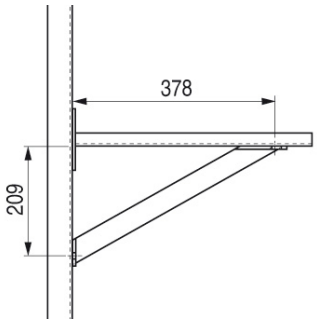
	p	Désignation	Code	Ep. mm	Masse kg/p
I3	1	RAIDISSEUR STRUT 41 I3	**685125**	5.00	0.891



Charge par longueur de console :

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

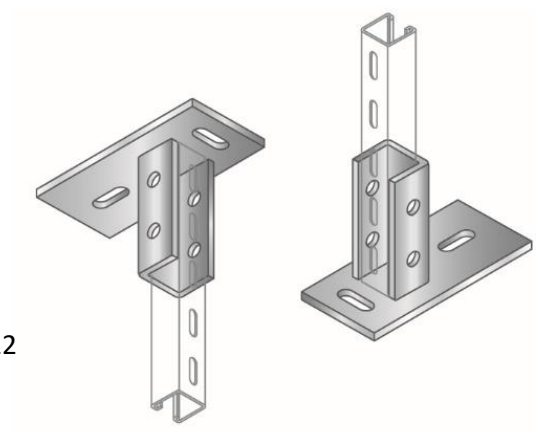




PLAQUE DE TÊTE STRUT 41 – PS 3033

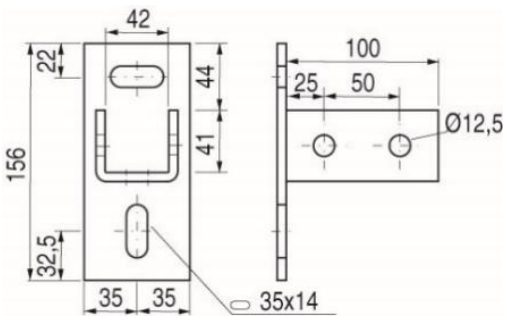
	p	Désignation	Code	Masse kg/p
I2	1	PLAQUE DE TETE STRUT 41 I2	**684063**	1.200

	p	Désignation	Code	Masse kg/p
I3	10	PLAQUE DE TETE STRUT 41 I3	**685063**	1.070



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

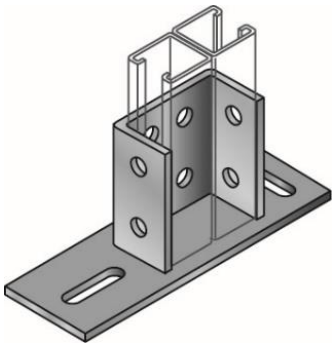
	Pour une utilisation en Pendard avec rail STRUT 41	
	Couple de serrage vis H12 avec écrou ressort M12	**Charge maxi daN**
684063	34 N.m	350
685063	34 N.m	350



PLAQUE DE TÊTE STRUT DOUBLE 41 – PS 3064

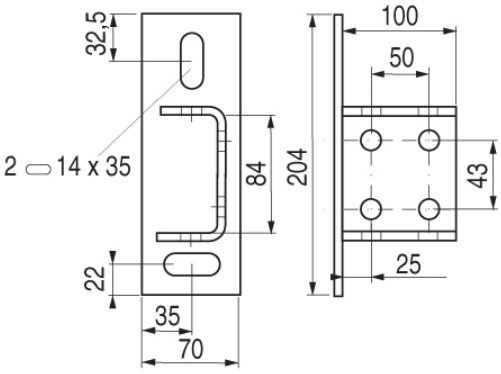
	p	Désignation	Code	Masse kg/p
I2	1	PDT STRUT DBLE 41x41 I2	**684064**	1.620

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



- **Montage** : 1 vis TH M12x35 + rondelle plate ∅ 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**

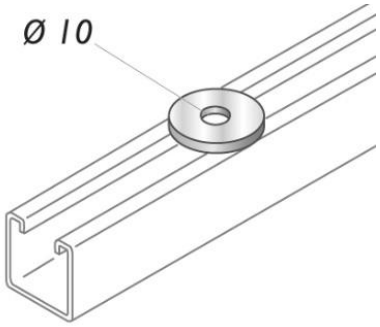
	Pour une utilisation en Pendard avec rail STRUT 41	
	Couple de serrage vis H12 avec écrou ressort M12	**Charge maxi daN**
684064	34 N.m	500
685064	34 N.m	500

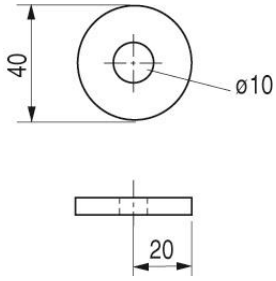


RONDELLES PLATES 10 STRUT 41 – PS 610

	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

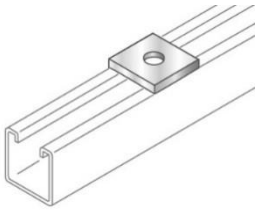


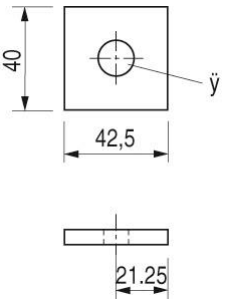


CARRÉS STRUT 41 – PS 621

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

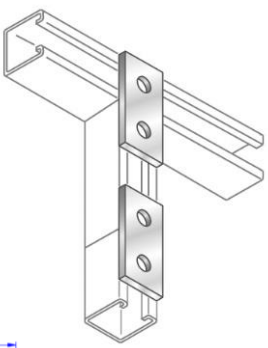
	p	Désignation	Code	Masse kg/p
I3	100	CARRE STRUT41 M8 I3	**685134**	0.072
	100	CARRE STRUT41 M10 I3	**685301**	0.072
	1	CARRE STRUT41 M12 I3	**685300**	0.070

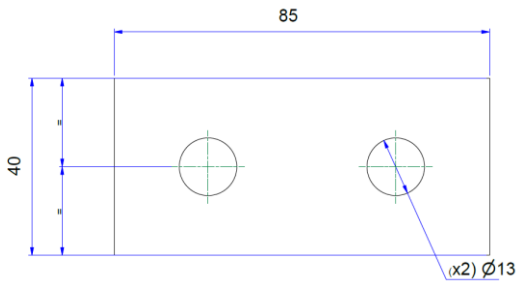


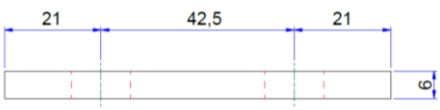


RECTANGLE STRUT 41 – 2 TROUS – PS 601

	p	Désignation	Code	Masse kg/p
I3	1	RECTANGLE 2T STRUT41 I3	**685002**	0.150

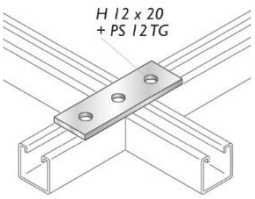


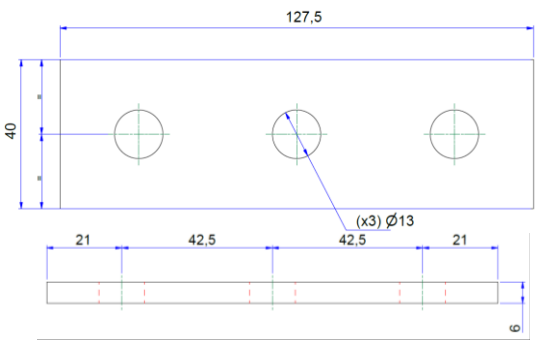




RECTANGLE STRUT 41 – 3 TROUS – PS 602

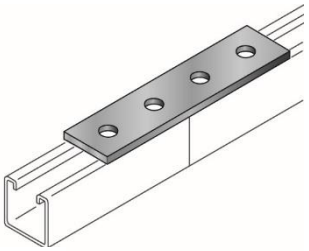
	p	Désignation	Code	Masse kg/p
I3	10	RECTANGLE 3T STRUT41 I3	**685001**	0.240

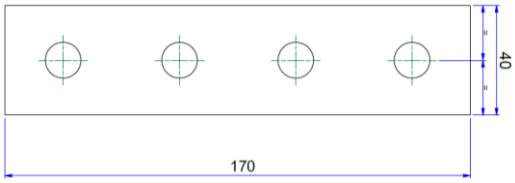


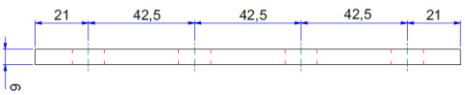


RECTANGLE STRUT 41 – 4 TROUS – PS 723

	p	Désignation	Code	Masse kg/p
I3	25	RECTANGLE 4T STRUT41 I3	**685003**	0.301

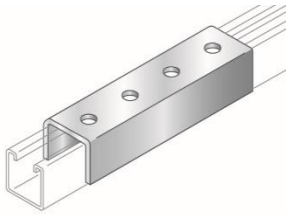


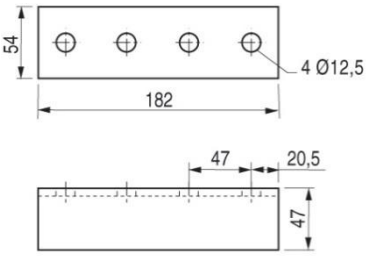




ÉCLISSE STRUT 41x41 – PS 616

	p	Désignation	Code	Masse kg/p
I3	10	ECLISSE STRUT 41x41 I3	**685051**	1.080

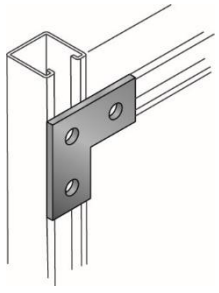


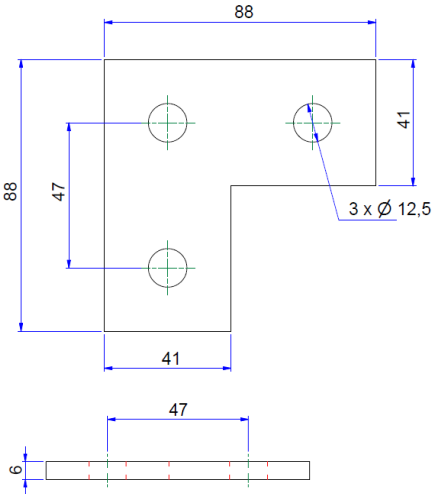


ÉQUERRE PLATE 3 TROUS STRUT 41 – PS 718

	p	Désignation	Code	Masse kg/p
I2	1	EQUERRE PLE 3T STRUT41 I2	**684021**	0.250

	p	Désignation	Code	Masse kg/p
I3	25	EQUERRE PLE 3T STRUT41 I3	**685021**	0.250

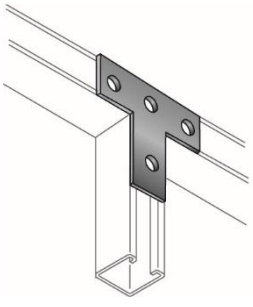


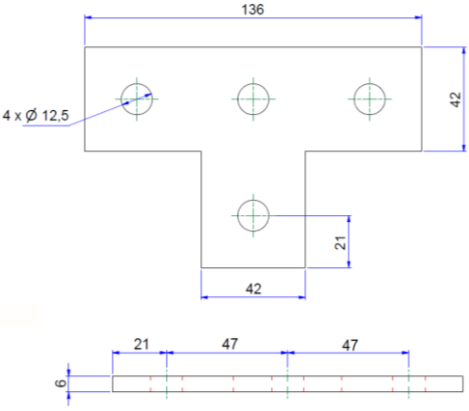


TÉ PLAT STRUT 41 – 4 TROUS – PS 714

	p	Désignation	Code	Masse kg/p
I2	1	TE PL 4T STRUT41 I2	**202015**	0.340

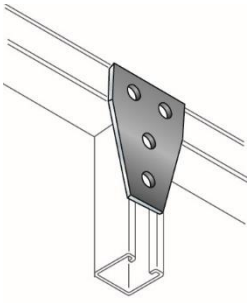
	p	Désignation	Code	Masse kg/p
I3	25	TE PL 4T STRUT41 I3	**685023**	0.343

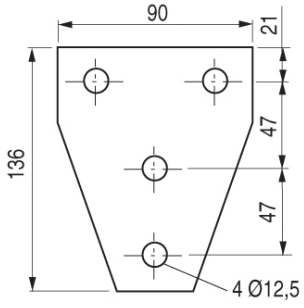




GOUSSET T 180 STRUT 41 – 4TROUS – PS 747

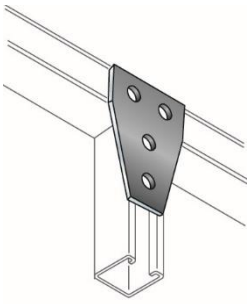
	p	Désignation	Code	Masse kg/p
I3	1	GOUSSET T 180 4T STRUT41 I3	**685024**	0.430

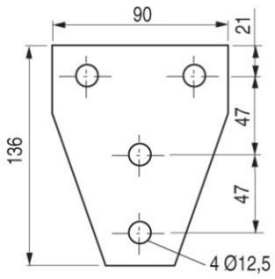




GOUSSET CORNIÈRE STRUT 41 – 4 TROUS – PS 748

	p	Désignation	Code	Masse kg/p
I3	1	GOUSSET CORN 4T STRUT41 I3	**685043**	0.445

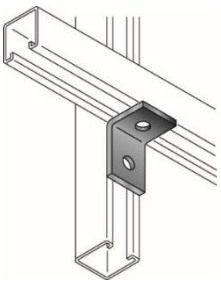


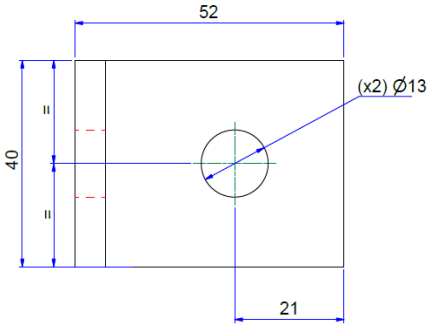


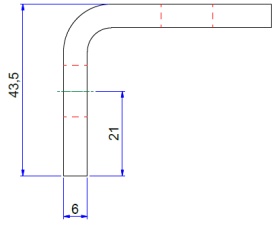
ÉQUERRE 90 STRUT 41 – 2 TROUS – PS 604

	p	Désignation	Code	Masse kg/p
I2	1	EQUERRE 90 2T STRUT41 I2	**202016**	0.160

	p	Désignation	Code	Masse kg/p
I3	25	EQUERRE 90 2T STRUT41 I3	**685032**	0.150



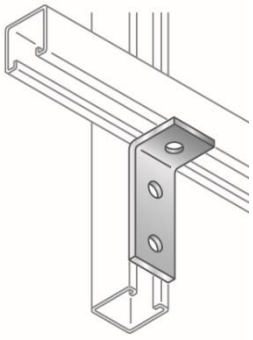


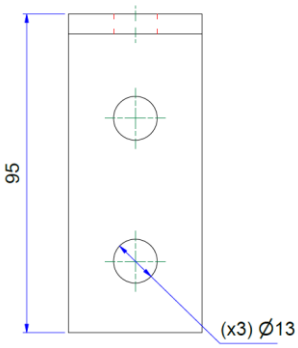


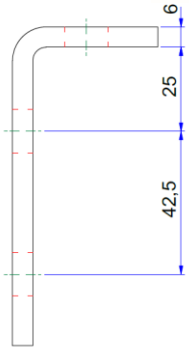
ÉQUERRE 90 STRUT 41 – 3 TROUS – PS 606

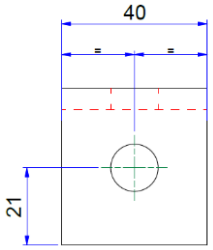
	p	Désignation	Code	Masse kg/p
I2	1	EQUERRE 90 3T STRUT41 I2	**202017**	0.250

	p	Désignation	Code	Masse kg/p
I3	25	EQUERRE 90 3T STRUT41 I3	**685035**	0.250





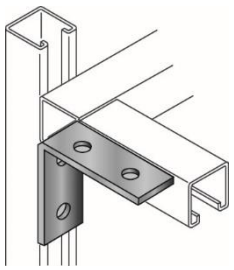


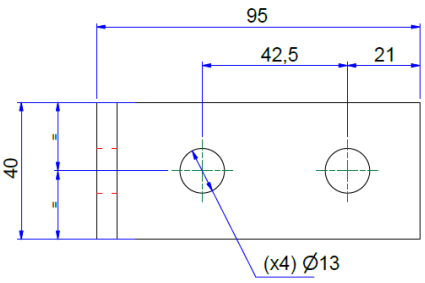


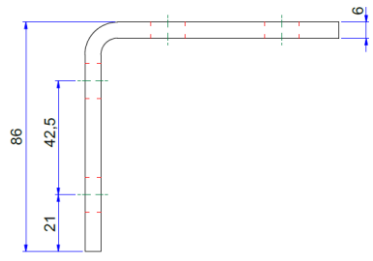
ÉQUERRE 90 STRUT 41 – 4 TROUS – PS 607

	p	Désignation	Code	Masse kg/p
I2	1	EQUERRE 90 4T STRUT41 I2	**202018**	0.330

	p	Désignation	Code	Masse kg/p
I3	25	EQUERRE 90 4T STRUT41 I3	**685037**	0.301

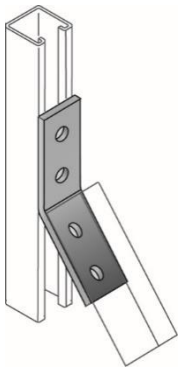


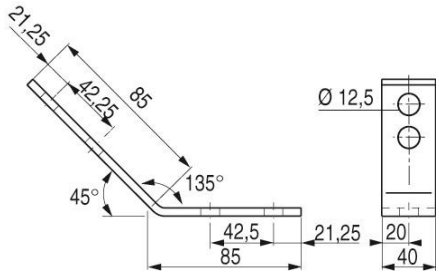




ÉQUERRE 135 STRUT 41 – 4 TROUS – PS 786

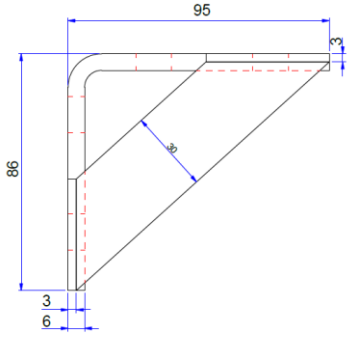
	p	Désignation	Code	Masse kg/p
I3	1	EQUERRE 135D 4T STRUT41 I3	**685203**	0.310

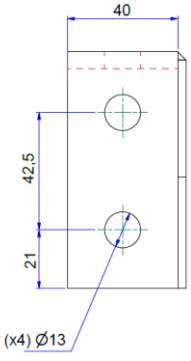


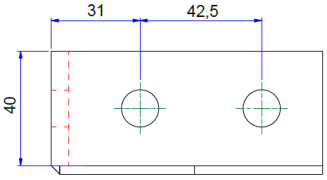


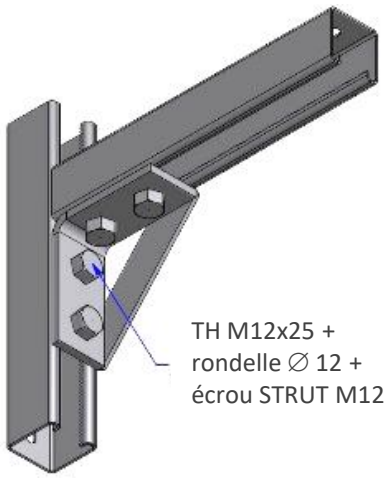
ÉQUERRE RENFORCÉE STRUT 41 – 4 TROUS – PS 3363

	p	Désignation	Code	Masse kg/p
I3	25	EQUERRE RENF 4T STRUT41 I3	**685136**	0.387





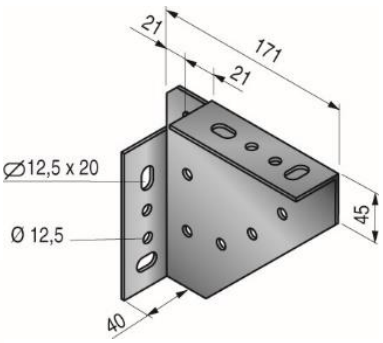


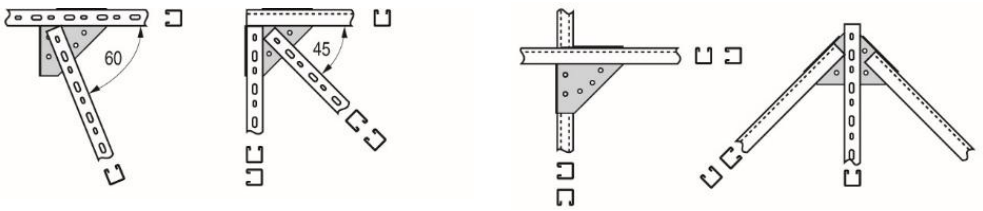


TH M12x25 + rondelle ∅ 12 + écrou STRUT M12

ÉQUERRE UNIVERSELLE STRUT 41 – PS 608

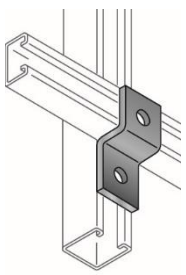
	p	Désignation	Code	Masse kg/p
I3	1	EQUERRE UNIVERSELLE STRUT 41 I3	**685101**	1.130

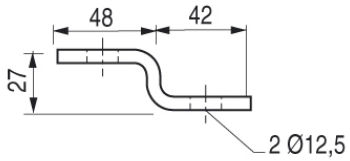




ÉQUERRE Z STRUT 41x21 – PS 928

	p	Désignation	Code	Masse kg/p
I3	1	EQUERRE Z STRUT41x21 I3	**685150**	0.190

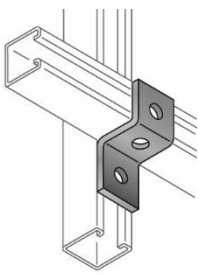


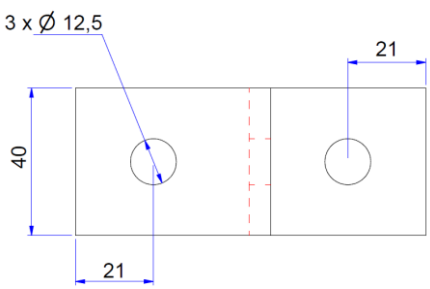


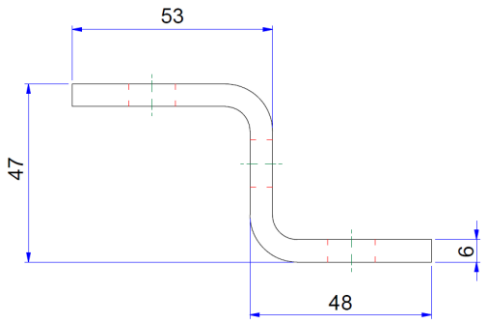
ÉQUERRE Z STRUT 41x41 – PS 611

	p	Désignation	Code	Masse kg/p
I2	1	EQUERRE Z STRUT41x41 I3	**684027**	0.230

	p	Désignation	Code	Masse kg/p
I3	1	EQUERRE Z STRUT41x41 I3	**685027**	0.230

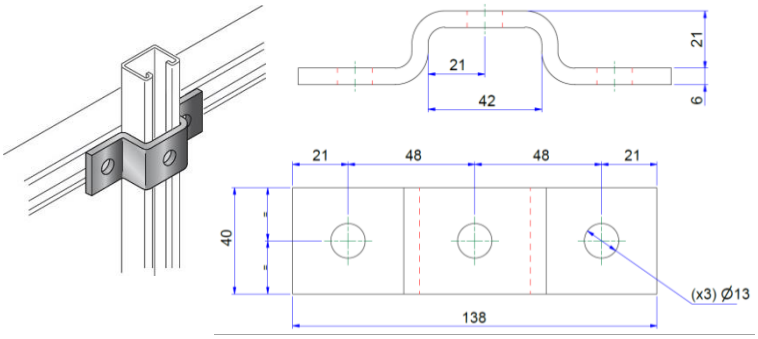






OMEGA STRUT 41x21 – PS 929

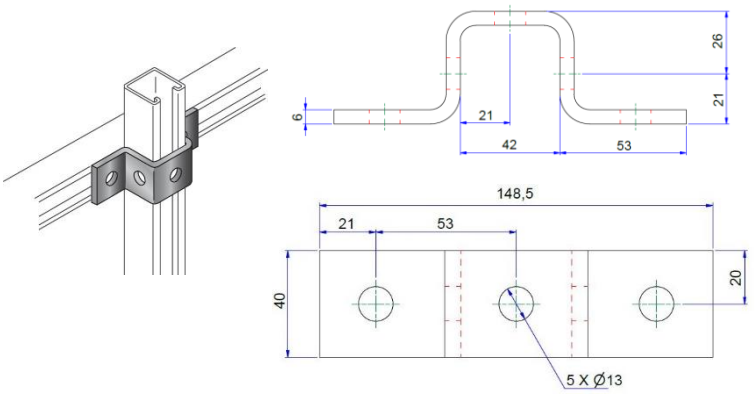
	p	Désignation	Code	Masse kg/p
I3	25	OMEGA STRUT41x21 I3	**685149**	0.360



OMEGA STRUT 41x41 – PS 613

	p	Désignation	Code	Masse kg/p
I2	1	OMEGA STRUT41x41 I2	**684046**	0.383

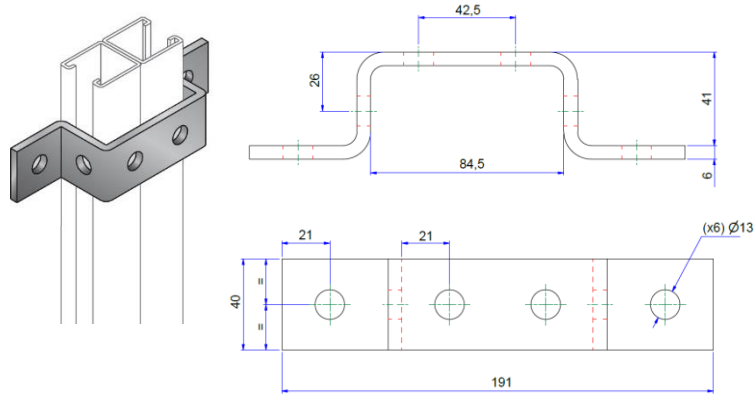
	p	Désignation	Code	Masse kg/p
I3	1	OMEGA STRUT41x41 I3	**685046**	0.383



OMEGA STRUT DOUBLE 41x41 – PS 721

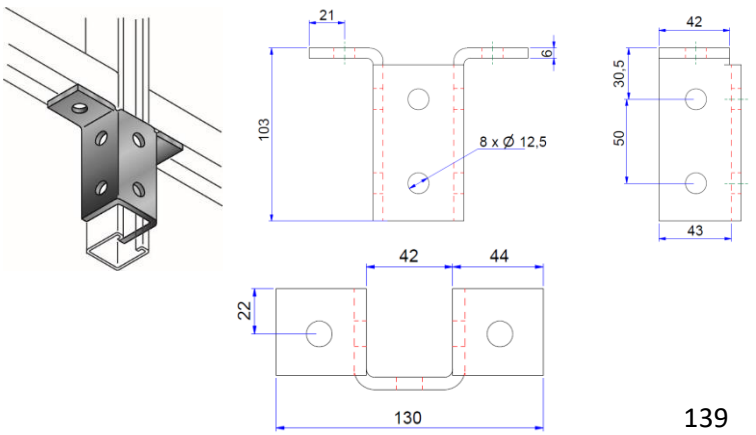
	p	Désignation	Code	Masse kg/p
I2	1	OMEGA STRUT DBLE 41x41 I2	**684048**	0.430

	p	Désignation	Code	Masse kg/p
I3	1	OMEGA STRUT DBLE 41x41 I3	**685048**	0.430



RACCORD 2 DIRECTIONS STRUT 41 – PS 821

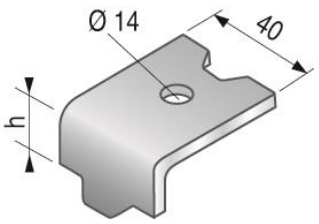
	p	Désignation	Code	Masse kg/p
I3	10	RACCORD 2D STRUT41 I3	**685061**	0.700

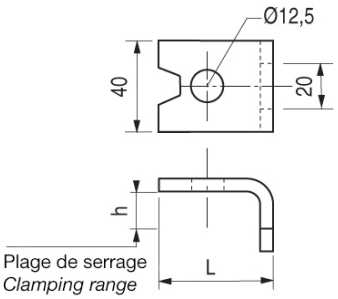


CRAPAUDS ET FIXATIONS IPN

CRAPAUDS STRUT 41

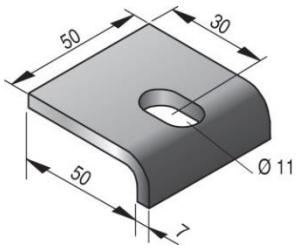
	p	Désignation	Code	Masse kg/p
I3	25	CRAPAUD STRUT41 H5-15 I3	**685082**	0.110
	25	CRAPAUD STRUT41 H15-25 I3	**685378**	0.140
	25	CRAPAUD STRUT41 H25-35 I3	**685238**	0.190

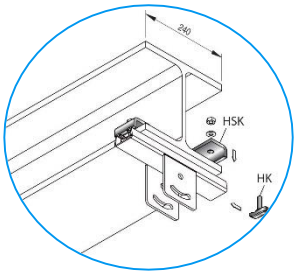




CRAPAUDS HSK

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

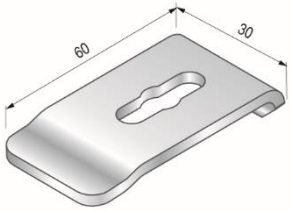


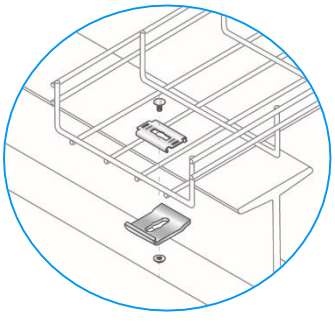


CLAMES SL

	p	Désignation	Code	Masse kg/p
I2	100	CLAME SL I2	**581995**	0.042

	p	Désignation	Code	Masse kg/p
I3	100	CLAME SL I3	**582995**	0.042





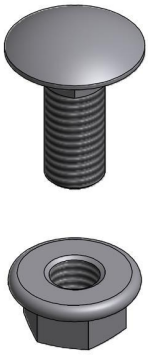
NIEDAX France

BOULONNERIE

BOULONS POÊLIERS TRCC + HE

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

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



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

BOULONS POÊLIERS TRL + HE

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

	p	Désignation	Code	Masse kg/100
I3	100	BP TRL M6x12 HE A4/316	**320617**	0.900
	100	BP TRL M6x15 HE A4/316	**529147**	0.900
	100	BP TRL M6x20 HE A4/316	**529107**	1.000
	100	BP TRL M6x30 HE A4/316	**529108**	1.100
	100	BP TRL M6x50 HE A4/316	**529153**	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
I3	100	VIS TRL M6x12 A4/316	**529066**	0.400

BOULON TH + HE

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

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

VIS TH

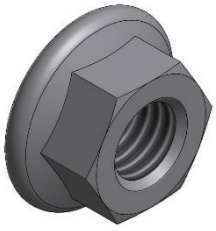
	p	Désignation	Code	Masse kg/100
I2	100	VIS TH M8x15 A2/304	**040096**	1.100
	100	VIS TH M8x20 A2/304	**030486**	1.200
	1	VIS TH M8x25 A2/304	**649078**	1.500
	1	VIS TH M10x20 A2/304	**649046**	2.000
	1	VIS TH M10x50 A2/304	**649071**	3.800
	100	VIS TH M12x25 A2/304	**040097**	4.000

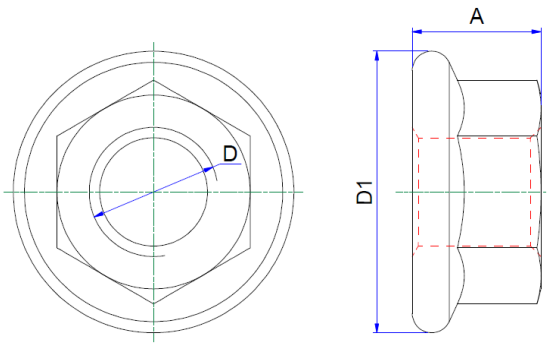
	p	Désignation	Code	Masse kg/100
I3	100	VIS TH M8x15 A4/316	**529018**	1.100
	100	VIS TH M8x20 A4/316	**529120**	1.200
	1	VIS TH M8x25 A4/316	**529101**	1.500
	100	VIS TH M8x50 A4/316	**221492**	2.100
	1	VIS TH M10x20 A4/316	**529046**	2.100
	100	VIS TH M10x25 A4/316	**529048**	2.500
	100	VIS TH M10x50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

ÉCROUS HE

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

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

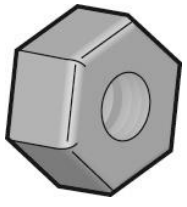




ÉCROUS HU

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

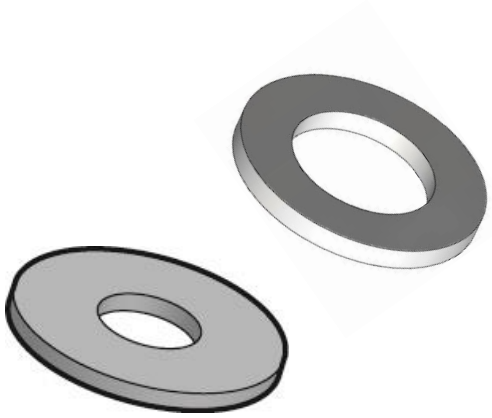
	p	Désignation	Code	Masse kg/100
I3	100	HU M10 A4/316	**529058**	1.200
	100	HU M12 A4/316	**529022**	1.500

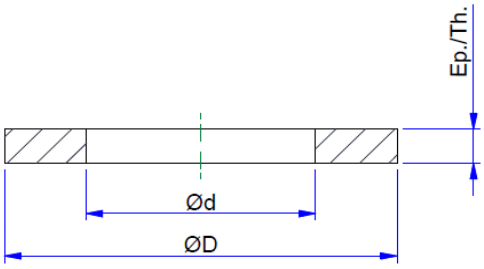


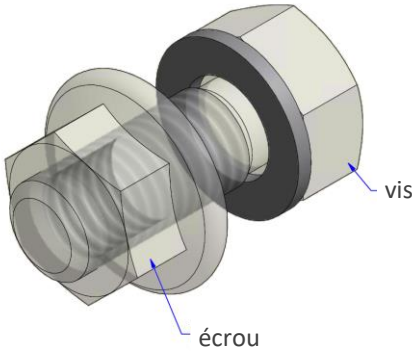
RONDELLES L & LL

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

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







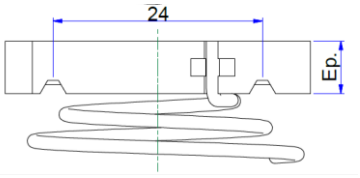
RONDELLES AZ

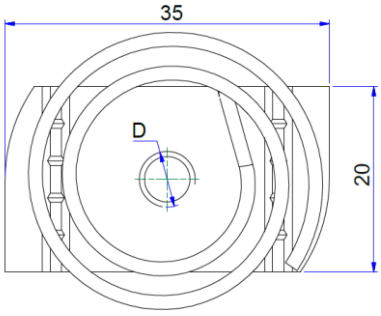
	p	Désignation	Code	Masse kg/p
I2	1	AZ Ø6 A2/304	**221483**	0.001
	1	AZ Ø8 A2/304	**649033**	0.001
	1	AZ Ø10 A2/304	**649030**	0.001
	1	AZ Ø12 A2/304	**221427**	0.002

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

ÉCROUS RESSORT STRUT 41

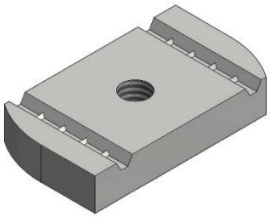
	p	Désignation	Code	Masse kg/100
I3	100	ECROU RESSORT M6 STRUT A4/316	**529025**	2.900
	100	ECROU RESSORT M8 STRUT A4/316	**529031**	2.800
	100	ECROU RESSORT M10 STRUT A4/316	**529027**	6.600
	100	ECROU RESSORT M12 STRUT A4/316	**529013**	4.100

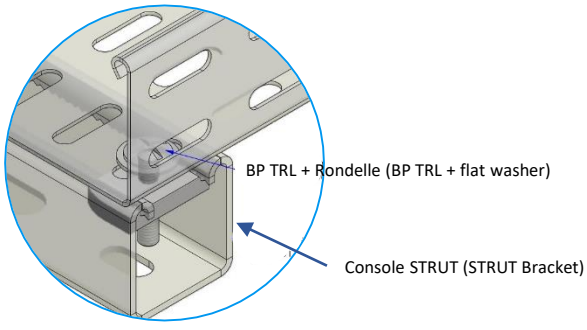


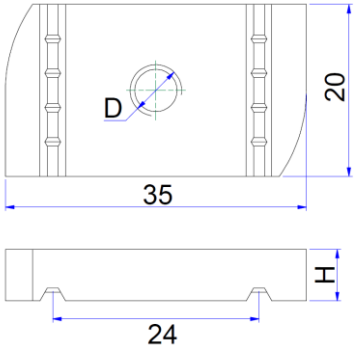


ÉCROUS RAINURÉS STRUT 41

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







TIGES FILETÉES

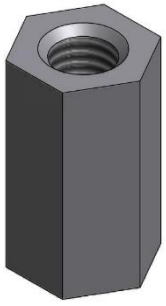
	p	Désignation	Code	Masse kg/p
I2	10	TF M6 1M A2/304	**223200**	0.180
	10	TF M8 1M A2/304	**223151**	0.310
	10	TF M10 1M A2/304	**040100**	0.500
	10	TF M12 1M A2/304	**223253**	0.700

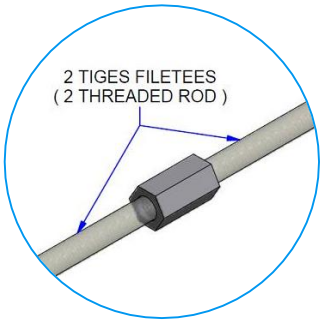
	p	Désignation	Code	Masse kg/p
I3	10	TF M6 1M A4/316	**223100**	0.180
	10	TF M8 1M A4/316	**646003**	0.336
	10	TF M10 1M A4/316	**646018**	0.500
	10	TF M12 1M A4/316	**223153**	0.700

MANCHONS

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

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





GOUPILLES EZ

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

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

I DALLES PERFORÉES

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I GOULOTTES

I ÉCHELLES À CÂBLES

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I SUPPORTAGE

I ACCESSOIRES D'INSTALLATION

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