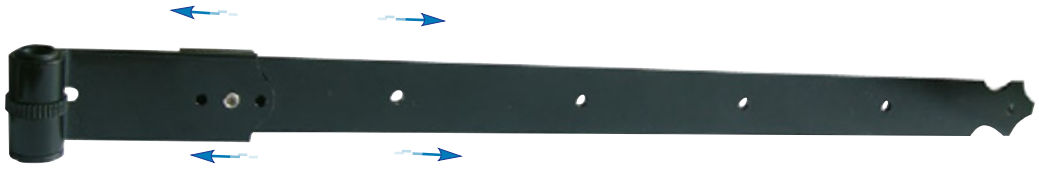
Soumis à la REP PMCB.

Breveté !
Votre penture intelligente.

PRODUIT PROTÉGÉ TORBEL industrie

Ajustage de la hauteur du volet



Double réglage du déport
et de la longueur de la penture

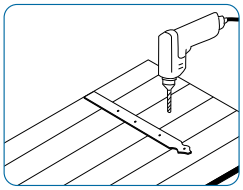
Réglable : Réglage du déport grâce au NEUSILLON® et adaptation de la penture à la longueur souhaitée avec l'élément feston rainuré réglable.
Ajustable : Pourvue d'un écrou de réglage, la douille permet un ajustement du volet dans son encadrement après la pose, ainsi qu'à l'utilisation si le volet s'affaisse.
Réversible : L'ensemble peut être utilisé à droite comme à gauche grâce à la douille mobile à positionner dans l'oeil du NEUSILLON®.
Polyvalente : L'élément feston recoupable garantit une multitude d'adaptations et une rationalisation du stock.

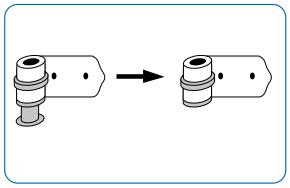
1) Si nécessaire, couper les éléments feston rainurés à dimension souhaitée et les fixer, rainure contre le volet.

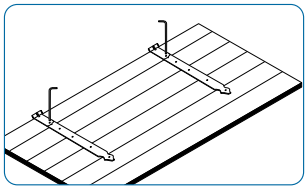
2) Monter la douille avec l'écrou de réglage dans l'oeil de chacun des NEUSILLON® et visser à fond en positionnant la rainure dans son logement.

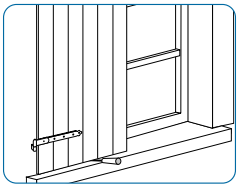
3) Enfiler les NEUSILLON® sur les éléments feston rainurés en les alignant en fonction du déport souhaité et serrer les vis pointeaux*.

4) Poser le volet dans l'encadrement en le calant vers le haut avec un tournevis pour faire levier.







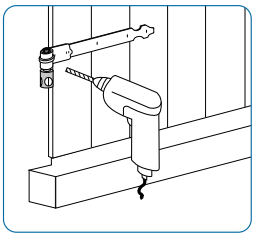


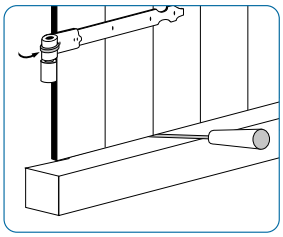
5) Percer le mur à l'aide d'un gabarit de perçage et sceller les Polygond.

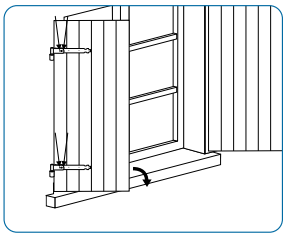
6) Si nécessaire, ajuster le volet dans son encadrement avec les écrous de réglage en l'ayant préalablement soulagé.

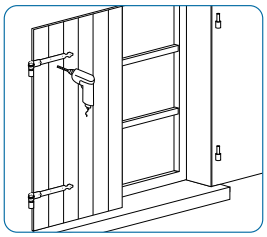
7) A l'endroit du trou sur le NEUSILLON®, percer l'élément feston rainuré et le volet et fixer**. Contrôler le fonctionnement.

8) A l'utilisation, si le volet s'affaisse, réitérer l'opération n°6. L'ajustage peut être effectué jusqu'à 7 mm au total.





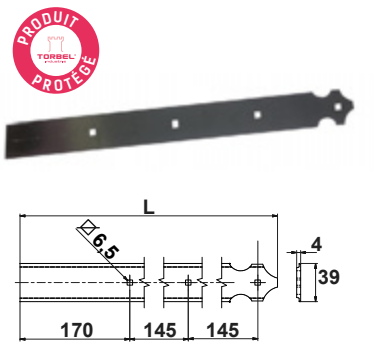


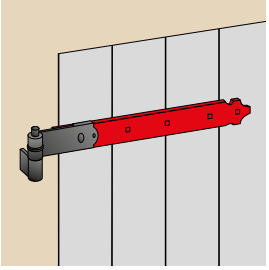


*La vis ne sert qu'à positionner le NEUSILLON® pour le réglage.
**Ce sont les fixations (rivets, vis, boulons) qui assurent la solidité de l'ensemble, elles doivent traverser le volet de part en part.

Pentures universelles

Soumis à la REP PMCB.

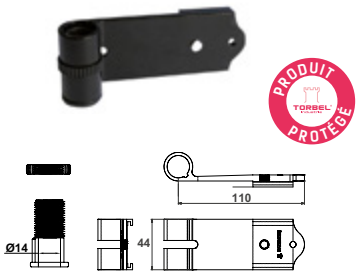


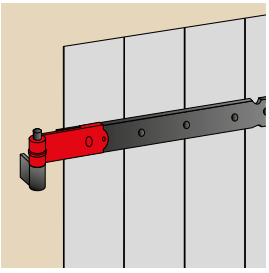


Elément feston réglable aluminium 39x4 trous carrés pour penture universelle

Code		L	Nbre Trous		Dispo. (sem.)
10PBD3J	9005 - 30%	370	2	30	1
10PBD4J	9005 - 30%	515	3	30	1
10PBD5J	9005 - 30%	660	4	30	1
10PBD6J	9005 - 30%	805	5	30	2
10PBD3P	9016 - 80%	370	2	30	2
10PBD4P	9016 - 80%	515	3	30	2
10PBD5P	9016 - 80%	660	4	30	2
10PBD3Q	9016 - 80%	370	2	30	2
10PBD5Q	9016 - 80%	660	4	30	2

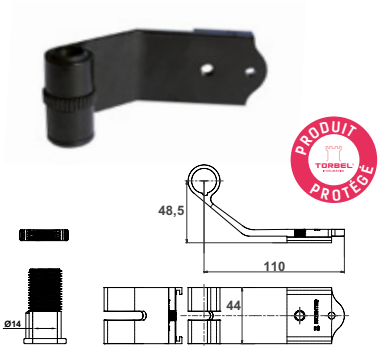
NEUSILLON®

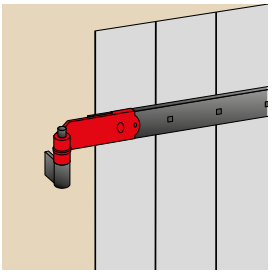




NEUSILLON® aluminium droit Ø14 pour penture universelle

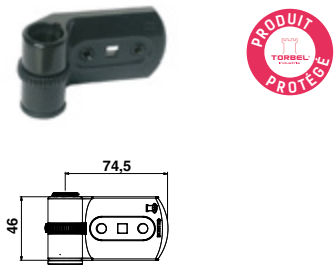
Code			Dispo. (sem.)
41NB10J	9005 - 30%	30	1
41NB10P	9016 - 80%	30	2

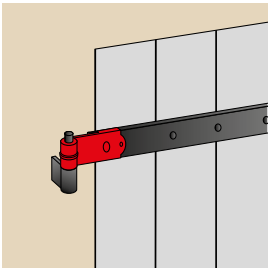




NEUSILLON® aluminium col de cygne Ø14 pour penture universelle

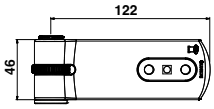
Code			Dispo. (sem.)
41NB20J	9005 - 30%	30	1

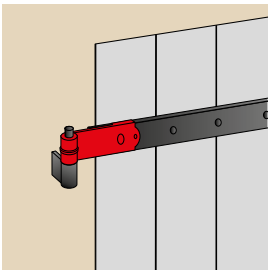




NEUSILLON® zamak droit court réglable Ø14 + douille

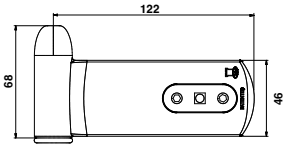
Code			Dispo. (sem.)
42NB11J	9005 - 30%	30	4
42NB11Q	9016 - 80%	30	NC

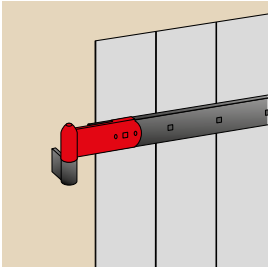




NEUSILLON® zamak droit long réglable Ø14 + douille

Code			Dispo. (sem.)
42NB21J	9005 - 30%	30	1

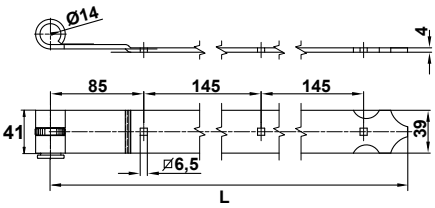


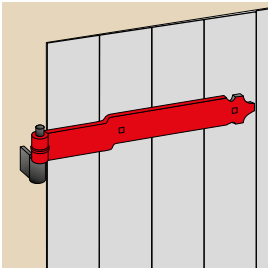


NEUSILLON® zamak droit réno réglable Ø14/Ø16 + douille

Code			Dispo. (sem.)
Modèle droite			
42NB31J	9005 - 30%	30	1
42NB31Q	9016 - 30%	30	2
42NB31S	9010 - 30%	30	2
Modèle gauche			
42NB41J	9005 - 30%	30	1
42NB41Q	9016 - 30%	30	2
42NB41S	9010 - 30%	30	2

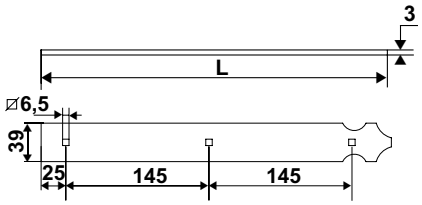
Pentures ajustables

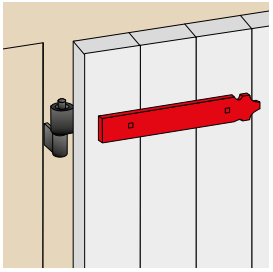




Penture aluminium ajustable feston cambrée 39x4 Ø14

Code		L	Nbre Trous		Dispo. (sem.)
11PBP3J	9005 - 30%	560	4	30	4





Contre-penture aluminium ajustable feston 39x3

Code		L	Nbre Trous		Dispo. (sem.)
11PJ5025S	9010 - 65%	500	4	30	2

Pentures bouts carrés

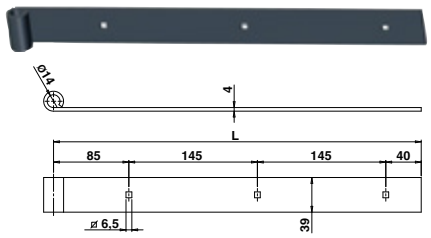
Soumis à la REP PMCB.

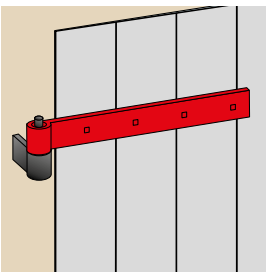
- **Les pentures à bout carré sont le résultat du mix design :**
  - des pentures bout carré acier
  - des dimensions des pentures alu festonnées.

Les pentures aluminium sont adaptées aux design plus contemporains des habitations.
Pour volets aluminium et composite.

- **Gamme courte :**
  - 10 Références
  - Pentures droites
  - Pentures cambrées
  - Contre-pentures
  - Couleur standard : RAL 9005-30% (stocké)

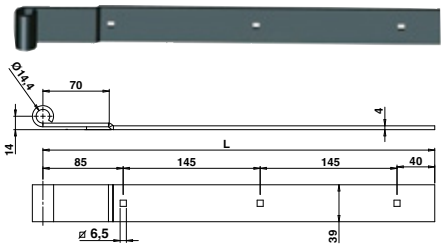
- **Brut ou autre coloris (y compris blanc) sur demande – TORBEL Spécifique**

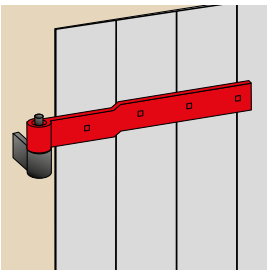




Penture aluminium droite bout carré 39x4 Ø14
1er trou à 85

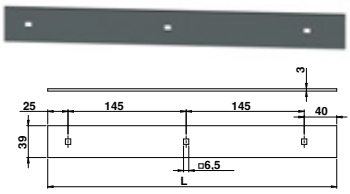
Code		L	Nbre Trous		Dispo. (sem.)
11PBC41J	9005 - 30%	415	3	30	1
11PBC56J	9005 - 30%	560	4	30	1

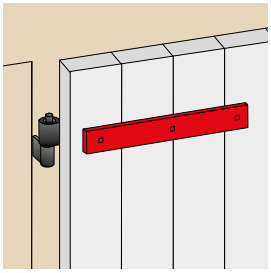




Penture aluminium cambrée bout carré 39x4 Ø14
1er trou à 85

Code		L	Nbre Trous		Dispo. (sem.)
11PBC2J	9005 - 30%	270	2	30	1
11PBC4J	9005 - 30%	415	3	30	1
11PBC5J	9005 - 30%	560	4	30	1
11PBC7J	9005 - 30%	715	5	30	1



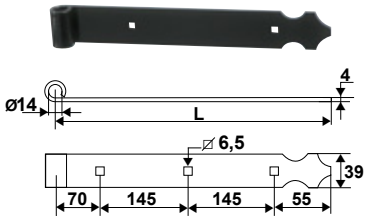


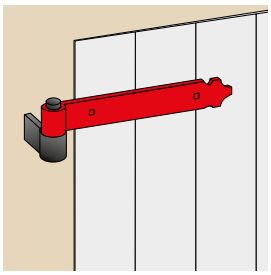
Contre-penture aluminium droite bout carré 39x3
1er trou à 25

Code		L	Nbre Trous		Dispo. (sem.)
11PBC21J	9005 - 30%	210	2	30	1
11PBC35J	9005 - 30%	355	3	30	1
11PBC50J	9005 - 30%	500	4	30	1
11PBC64J	9005 - 30%	645	5	30	1

Soumis à la REP PMCB.

1er trou à 70 mm

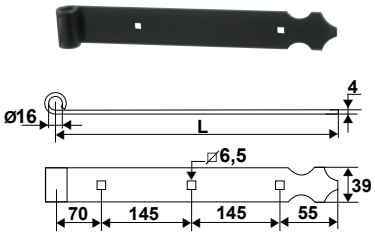


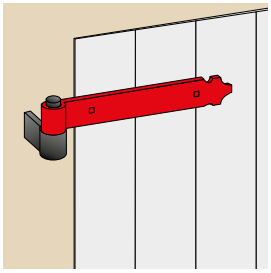


Penture aluminium feston 39x4 Ø14
1er trou à 70 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PA27J	9005 - 30%	270	2	30	1
11PA41J	9005 - 30%	415	3	30	1
11PA56J	9005 - 30%	560	4	30	1
11PA70J	9005 - 30%	705	5	30	1
11PA85J	9005 - 30%	850	3	30	2
11PA41E	9005 - 80%	415	4	30	2
11PA56E	9005 - 80%	560	5	30	2
11PA70E	9005 - 80%	705	6	30	2
11PA27P	9016 - 80%	270	2	30	2
11PA41P	9016 - 80%	415	3	30	2
11PA56P	9016 - 80%	560	4	30	2
11PA70P	9016 - 80%	705	5	30	2
11PA85P	9016 - 80%	850	6	30	2

1er trou à 70 mm

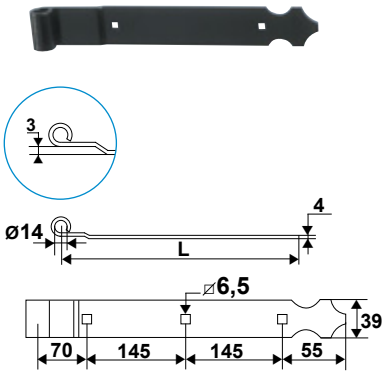


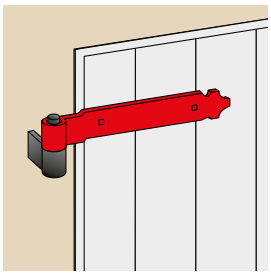


Penture aluminium feston 39x4 Ø16
1er trou à 70 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PB41J	9005 - 30%	415	3	30	2
11PB56J	9005 - 30%	560	4	30	2
11PB70J	9005 - 30%	705	5	30	2
11PB41E	9005 - 80%	415	3	30	2
11PB56E	9005 - 80%	560	4	30	2
11PB41P	9016 - 80%	415	3	30	2
11PB56P	9016 - 80%	560	4	30	2

1er trou à 70 mm





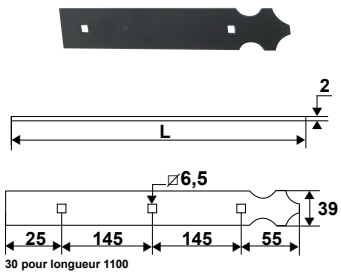
Penture aluminium feston cambrée 39x4 Ø14
1er trou à 70 mm

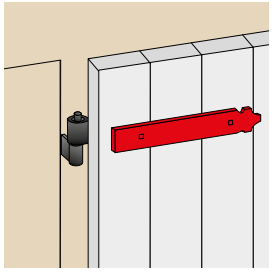
Code		L	Nbre Trous		Dispo. (sem.)
11PAP1J	9005 - 30%	270	2	30	1
11PAP2J	9005 - 30%	415	3	30	1
11PAP3J	9005 - 30%	560	4	30	1
11PAP4J	9005 - 30%	705	5	30	1
11PAP5J	9005 - 30%	850	6	30	1
11PAP1P	9016 - 80%	270	2	30	2
11PAP2P	9016 - 80%	415	3	30	2
11PAP3P	9016 - 80%	560	4	30	2
11PAP4P	9016 - 80%	705	5	30	2

Contre-pentures feston

Soumis à la REP PMCB.

1er trou à 70 mm

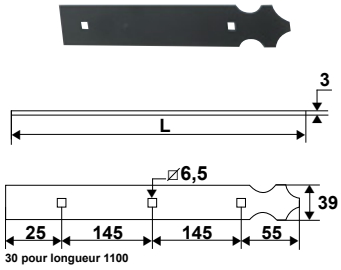


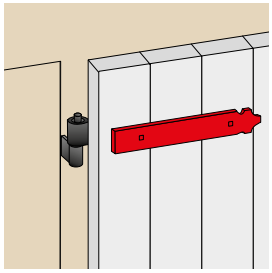


Contre-penture aluminium feston 39x2 pour penture 1er trou à 70 mm

Code		L	Nbre Trous		Dispo. (sem.)
11P2A2J	9005 - 30%	225	2	30	1
11P2A3J	9005 - 30%	370	3	30	1
11P2A5J	9005 - 30%	515	4	30	1
11P2A6J	9005 - 30%	660	5	30	2
11P2A8J	9005 - 30%	805	6	30	2
11P2A2P	9016 - 80%	225	2	30	4
11P2A3P	9016 - 80%	370	3	30	2
11P2A6P	9016 - 80%	660	5	30	2

1er trou à 70 mm



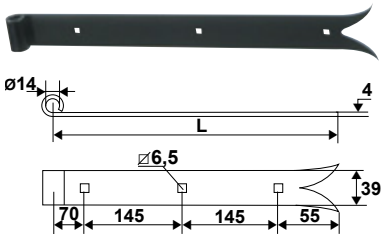


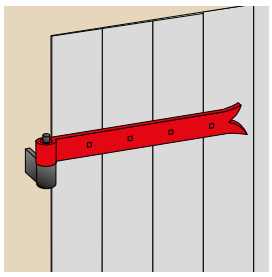
Contre-penture aluminium feston 39x3 pour penture 1er trou à 70 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PAC2J	9005 - 30%	225	2	30	1
11PAC3J	9005 - 30%	370	3	30	1
11PAC5J	9005 - 30%	515	4	30	1
11PAC6J	9005 - 30%	660	5	30	1
11PAC7J	9005 - 30%	805	6	30	1
11PAC3E	9005 - 80%	370	3	30	2
11PAC5E	9005 - 80%	515	4	30	2
11PAC6E	9005 - 80%	660	5	30	2
11PAC2P	9016 - 80%	225	2	30	2
11PAC3P	9016 - 80%	370	3	30	2
11PAC5P	9016 - 80%	515	4	30	2
11PAC6P	9016 - 80%	660	5	30	2
11PAC7P	9016 - 80%	805	6	30	2

Pentures queue de carpe

1er trou à 70 mm

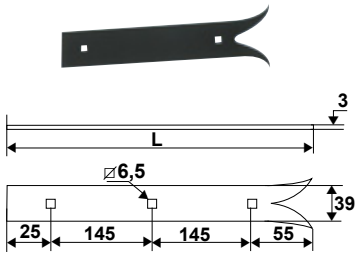


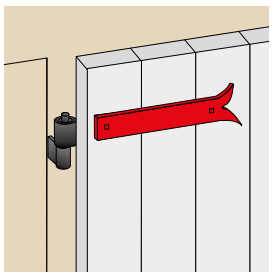


Penture aluminium queue de carpe 39x4 Ø14 1er trou à 70 mm

Code		L	Nbre Trous		Dispo. (sem.)
12PA41E	9005 - 80%	415	3	30	2
12PA56E	9005 - 80%	560	4	30	2
12PA70E	9005 - 80%	705	5	30	2

1er trou à 70 mm





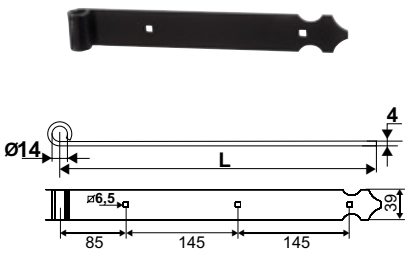
Contre-penture aluminium queue de carpe 39x3 pour penture QC 1er trou à 70 mm

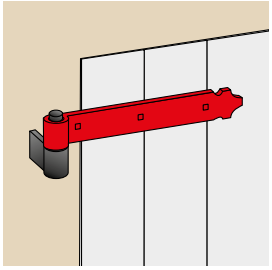
Code		L	Nbre Trous		Dispo. (sem.)
12PAL3E	9005 - 80%	370	2	30	4
12PAL5E	9005 - 80%	515	4	30	4

Pentures feston

Soumis à la REP PMCB.

1er trou à 85 mm

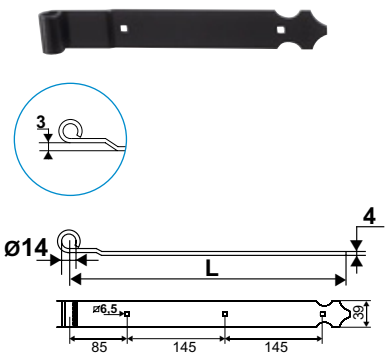


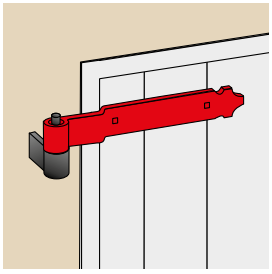


Penture aluminium feston 39x4 Ø14
1er trou à 85 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PG41J	9005 - 30%	415	3	30	1
11PG56J	9005 - 30%	560	4	30	1
11PG27J	9005 - 30%	270	2	30	2
11PG70J	9005 - 30%	705	5	30	2
11PG85J	9005 - 30%	850	6	30	2
11PG41P	9016 - 80%	415	3	30	2
11PG56P	9016 - 80%	560	4	30	2

1er trou à 85 mm



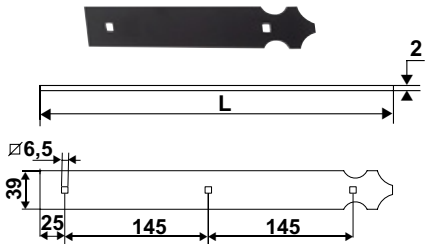


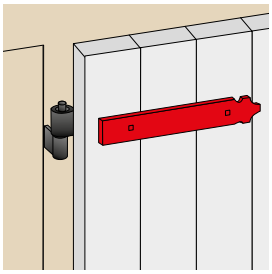
Penture aluminium feston cambrée 39x4 Ø14
1er trou à 85 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PGP2J	9005 - 30%	270	2	30	1
11PGP4J	9005 - 30%	415	3	30	1
11PGP5J	9005 - 30%	560	4	30	1
11PGP7J	9005 - 30%	705	5	30	1
11PGP8J	9005 - 30%	850	6	30	1
11PGP2P	9016 - 80%	270	2	30	2
11PGP4P	9016 - 80%	415	3	30	2
11PGP5P	9016 - 80%	560	4	30	2
11PGP7P	9016 - 80%	705	5	30	2
11PGP8P	9016 - 80%	850	6	30	2
11PGP2Q	9016 - 30%	270	2	30	2
11PGP4Q	9016 - 30%	415	3	30	2
11PGP5Q	9016 - 30%	560	4	30	2
11PGP7Q	9016 - 30%	705	5	30	2
11PGP8Q	9016 - 30%	850	6	30	2

Contre-pentures feston

1er trou à 85 mm

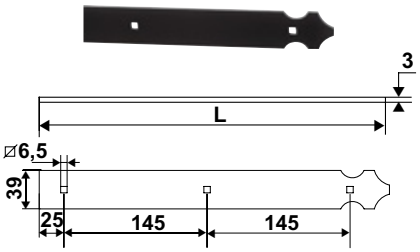


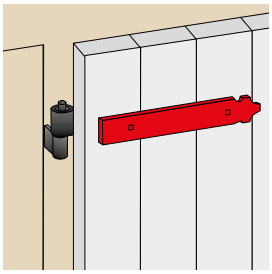


Contre-penture aluminium feston 39x2
pour penture 1er trou à 85 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PH21J	9005 - 30%	210	2	30	1
11PH35J	9005 - 30%	355	3	30	1
11PH50J	9005 - 30%	500	4	30	1
11PH64J	9005 - 30%	645	5	30	1
11PH79J	9005 - 30%	790	6	30	1
11PH21P	9016 - 80%	210	2	30	2
11PH35P	9016 - 80%	355	3	30	2
11PH50P	9016 - 80%	500	4	30	2
11PH64P	9016 - 80%	645	5	30	2
11PH79P	9016 - 80%	790	6	30	2

1er trou à 85 mm





Contre-penture aluminium feston 39x3
pour penture 1er trou à 85 mm

Code		L	Nbre Trous		Dispo. (sem.)
11PJ21J	9005 - 30%	210	2	30	1
11PJ35J	9005 - 30%	355	3	30	1
11PJ50J	9005 - 30%	500	4	30	1
11PJ64J	9005 - 30%	645	5	30	1
11PJ79J	9005 - 30%	790	6	30	1
11PJ35P	9016 - 80%	355	3	30	1
11PJ50P	9016 - 80%	500	4	30	1
11PJ21P	9016 - 80%	210	2	30	2
11PJ64P	9016 - 80%	645	5	30	2
11PJ79P	9016 - 80%	790	6	30	2

Système réglable pour pentures standards

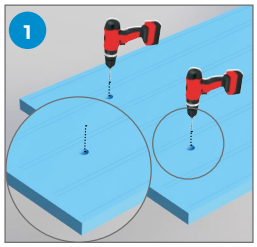
Deux axes : +/- 7 mm horizontal & vertical

Atouts produit

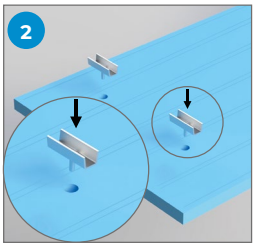
- Permet un pré-montage en atelier et un réglage sur chantier avant fixation définitive.
- S'utilise avec une penture standard minimum 4 trous.
- Convient pour les panneaux aluminium isolés et certains panneaux PVC.
- Choisissez les accessoires selon le type de votre volet :
  - Pour volet penture + contre-penture
  - Pour volet barre écharpe.
- Simplifie vos prises de mesure avec plus de flexibilité de réglage : horizontal et vertical à +/- 7 mm.
- Nombre de pièces optimisé : facile à utiliser & économique.

Pose volet barre écharpe

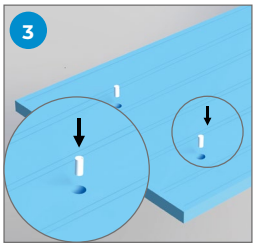
Préparation en atelier



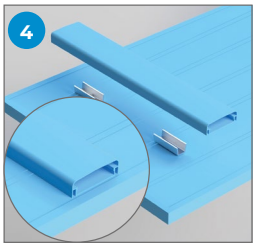
Repérer les 2 points de fixation des pentures. Percer le panneau en Ø24 mm.



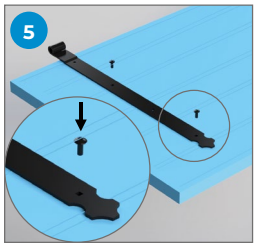
Poser les cavaliers côté barre écharpe.



Retourner le vantail et glisser les entretoises sur les cavaliers.

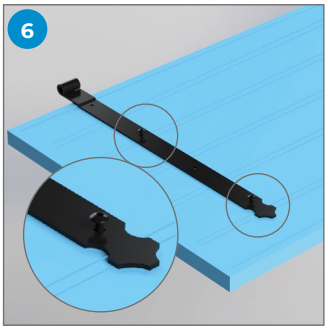


Clipser le profil sur la barre écharpe.



Visser la penture sur le vantail. Serrer temporairement pour éviter que la penture ne raye le vantail lors du transport.

Sur le chantier



Desserrer légèrement les vis.

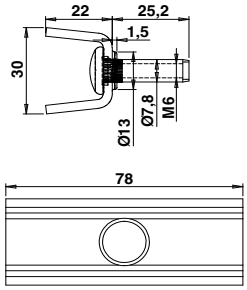
Placer le volet sur les gonds et régler la position idéale du vantail. Serrer les vis.

Verrouiller le réglage par les autres points de fixation qui assurent la stabilité du système.

Soumis à la REP PMCB.

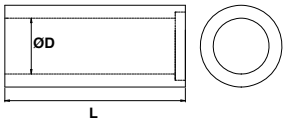
Pour volets avec barre écharpe :
Cavalier, entretoise et vis (modèles au choix).

Pour volets avec pentures et contre-pentures :
Entretoise et vis (modèles au choix).



Cavalier aluminium

Code		L	l		Dispo. (sem.)
11PXP02	BRUT	75	22	50	1



Entretoise composite

Code		ØD	L		Dispo. (sem.)
11PXP01	INCOLORE	8,2	29,6	50	1

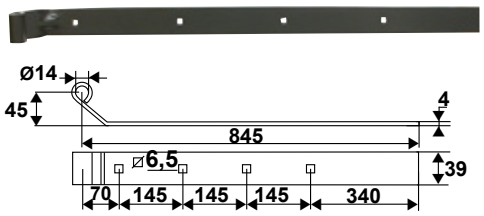
Vis métaux tête cylindrique six lobes DIN 7985

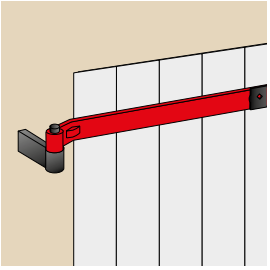
Code		ØD	L		Dispo. (sem.)	U
35020625JG	9005 - 30%	6	16	500	4	%

Vis agglo tête cylindrique six lobes

Code		ØD	L		Dispo. (sem.)	U
07020640JG	9005 - 30%	6	40	500	1	%
07020640SG	9010 - 30%	6	40	500	1	%

1er trou à 70 mm

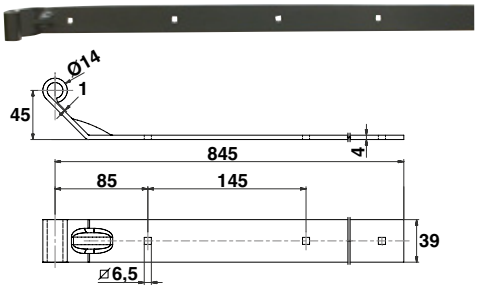


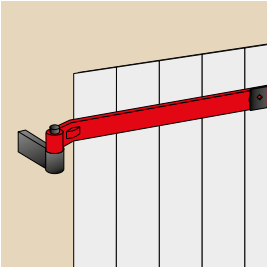


Elément œil 39x4 D14 Penture charnière aluminium 1er trou à 70 mm

Code		Nbre de trous		Dispo. (sem.)
11PAE1J	9005 - 30%	4	30	1
11PAE1P	9016 - 80%	4	30	2

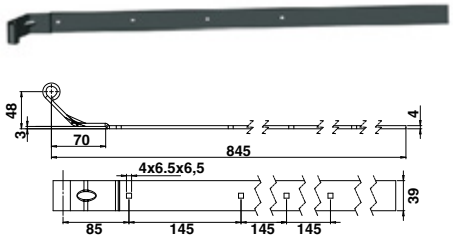
1er trou à 85 mm

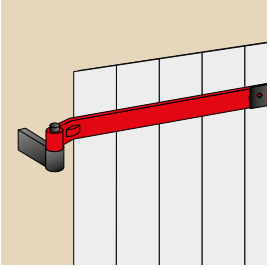




Elément œil 39x4 Ø14 Penture charnière aluminium 1er trou à 85 mm

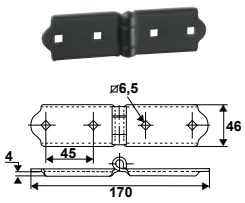
Code		Nbre de trous		Dispo. (sem.)
11PAE4J	9005 - 30%	3	30	4

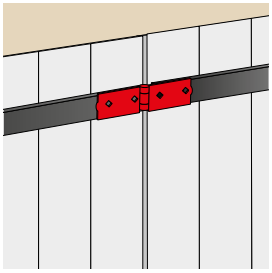




Elément œil 39x4 D14 Penture charnière aluminium Col de Cygne 1er trou à 85 mm

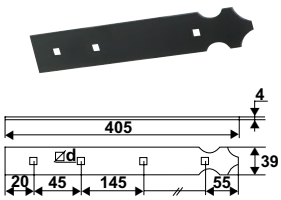
Code		Nbre de trous		Dispo. (sem.)
11PAEMJ	9005 - 30%	4	25	2

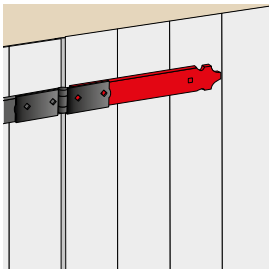




Charnière TORBEL® aluminium

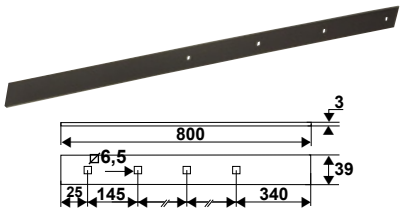
Code			Dispo. (sem.)
92PA40J	9005 - 30%	28	1
92PA40P	9016 - 80%	28	2

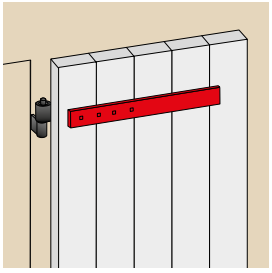




Elément œil 39x4
Penture charnière aluminium

Code		Nbre de trous		Dispo. (sem.)
11PAD2J	9005 - 30%	4	30	1





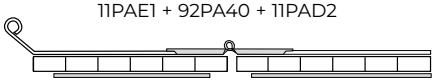
Contre-penture aluminium 39x3 pour élément œil

Code		Nbre de trous		Dispo. (sem.)
11PAD4J	9005 - 30%	3	30	1
11PAD4P	9016 - 80%	3	30	2

Montage avec charnière

Pour composer, un ensemble penture à charnière complet.

11PAE1 + 92PA40 + 11PAD2

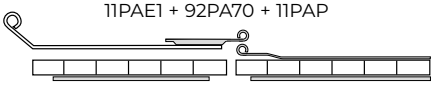


11PAD4 + 11PAD2

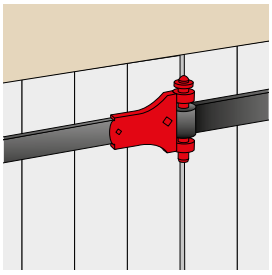
Montage avec articulation

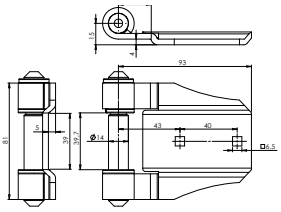
Pour composer, un ensemble penture à charnière complet.

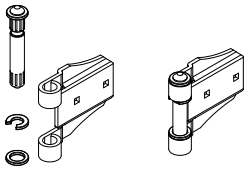
11PAE1 + 92PA70 + 11PAP



11PAD4 + 11PAC

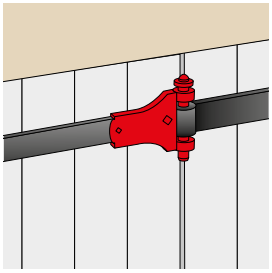


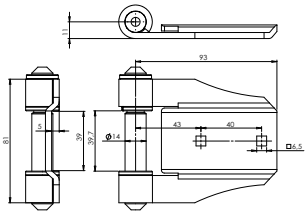


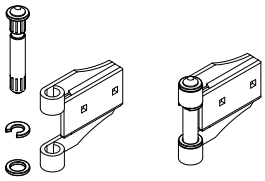


Articulation aluminium Ø14 pour penture cambrée 3 mm alu

Code			Dispo. (sem.)
92PA75J	9005 - 30%	10	1
92PA75P	9016 - 80%	10	2







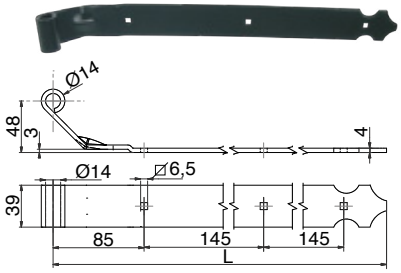
Articulation aluminium Ø14 pour penture droite aluminium

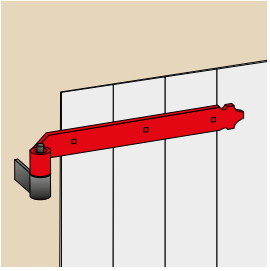
Code			Dispo. (sem.)
92PA95J	9005 - 30%	10	2
92PA95P	9016 - 80%	10	2

Pentures feston col 45

Soumis à la REP PMCB.

1er trou à 85 mm

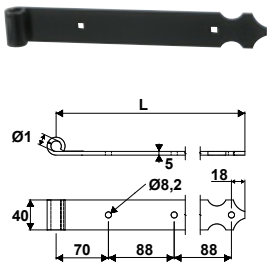


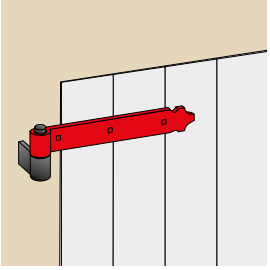


Penture aluminium feston 39x4 Ø14 col 45 cambrée 1er trou à 85 mm

Code		L	Nbre de trous		Dispo. (sem.)
11PGQ2J	9005 - 30%	415	3	30	1
11PGQ3J	9005 - 30%	560	4	30	1

1er trou à 70 mm

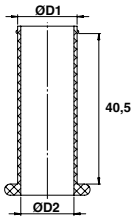


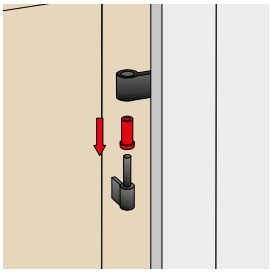


Penture forte aluminium feston 40x5 Ø14 1er trou à 70 mm

Code		L	Nbre de trous		Dispo. (sem.)
11P2B4J	9005 - 30%	440	5	30	4
11P2B5J	9005 - 30%	528	6	30	4
11P2B6J	9005 - 30%	616	7	30	4
11P2B4P	9016 - 30%	440	5	30	4

Douilles de réduction, rondelles

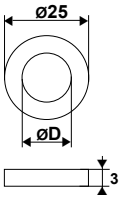


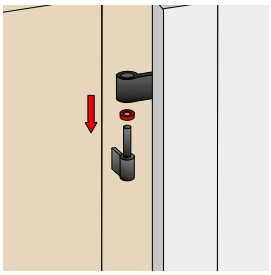


Douille de réduction composite

Code		ØD1	ØD2		Dispo. (sem.)
5115089		14	8	1	1
5115009		14	10	10	1
5115029		14	12	10	1
5115069		16	14	10	1
5115109		18	14	50	1
5115129		18	16	50	1
5115019		14	10	10	NC
5115039		14	12	10	1
5115079		16	14	10	1

Nous réalisons aussi sur demande :
Ø9/14; 10/14; 11/14; 11,5/14; 13/14
Code : A0470...





Rondelle de friction composite

Code		ØD		Dispo. (sem.)
A033306		14	50	1
A033309	INCOLORE	14	50	1
A033319	INCOLORE	16	50	1