



**BALUSTRADES ET PORTAILS**

**ACCESSOIRES**

**GROUPE 9**

[WWW.3CSERVICES.CH](http://WWW.3CSERVICES.CH)



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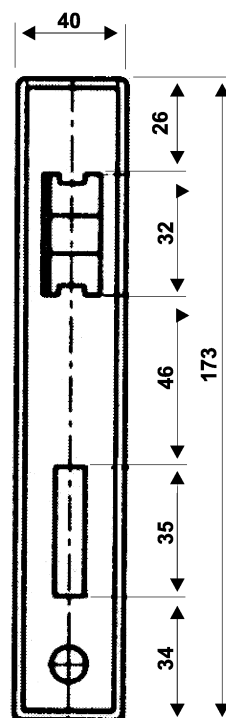
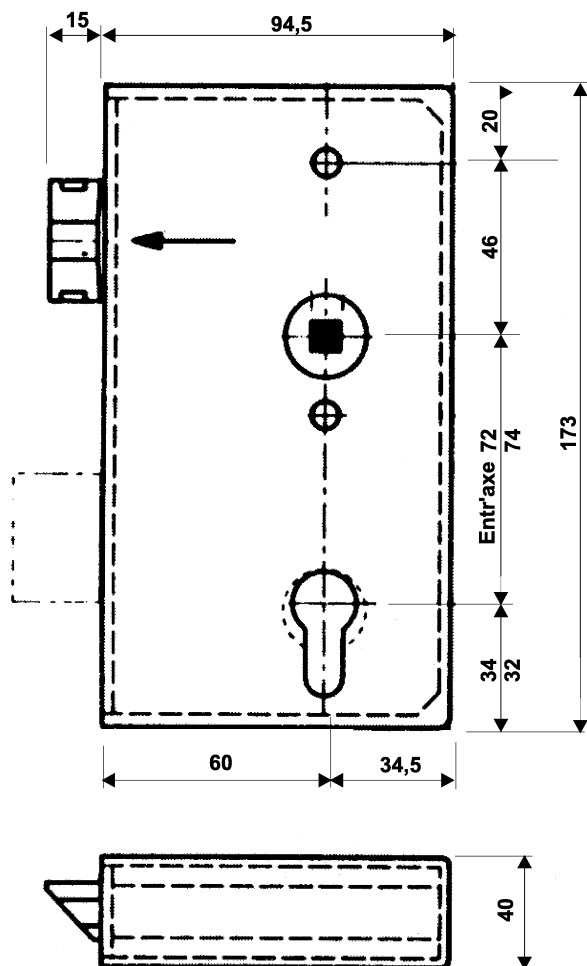
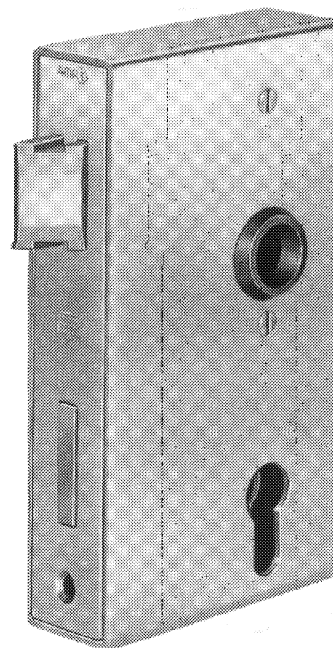
9.101.



**SERRURE DE PORTAIL**

- boîtier à souder en acier inoxydable
- dimensions 94,5 x 173 x 40 mm
- distance au canon 60 mm
- serrure zinguée
- têtière inox
- bec et pêne chromé
- à levier
- réversible
- pêne 1 tour 24 mm

| Code      | Découpe (mm)        | Entr'axe (mm) |
|-----------|---------------------|---------------|
| <b>02</b> | cylindre rond 22    | 74            |
| <b>03</b> | cylindre profilé 17 | 72            |



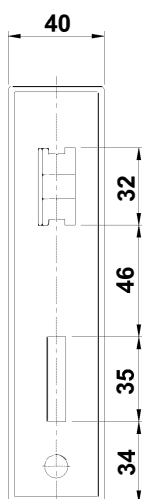
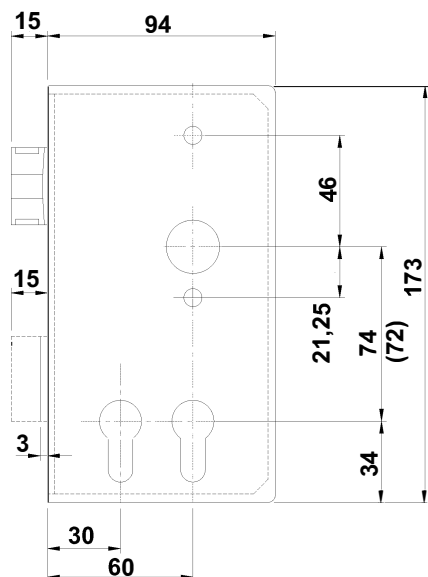
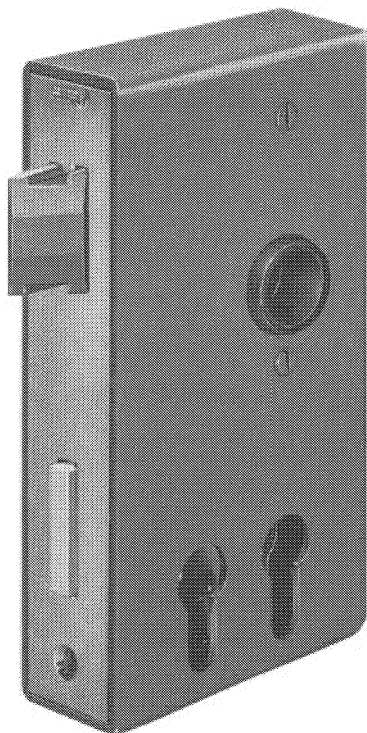
**9.102.**

**SERRURE DE PORTAIL**

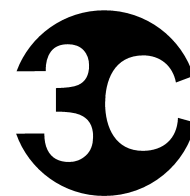
- boîtier à souder
- dimensions 94,5 x 173 x 40 mm
- serrure zinguée
- à levier
- réversible

| Code | Découpe (mm) | Entr'axe (mm) |
|------|--------------|---------------|
|------|--------------|---------------|

|           |                            |         |
|-----------|----------------------------|---------|
| <b>33</b> | cylindres profilés 17 / 17 | 72 / 72 |
|-----------|----------------------------|---------|







Services SA

9.100.

### SERRURE DE PORTAIL

- boîtier à souder
- dimensions 94,5 x 173 x 30 mm
- serrure zinguée
- à levier
- réversible

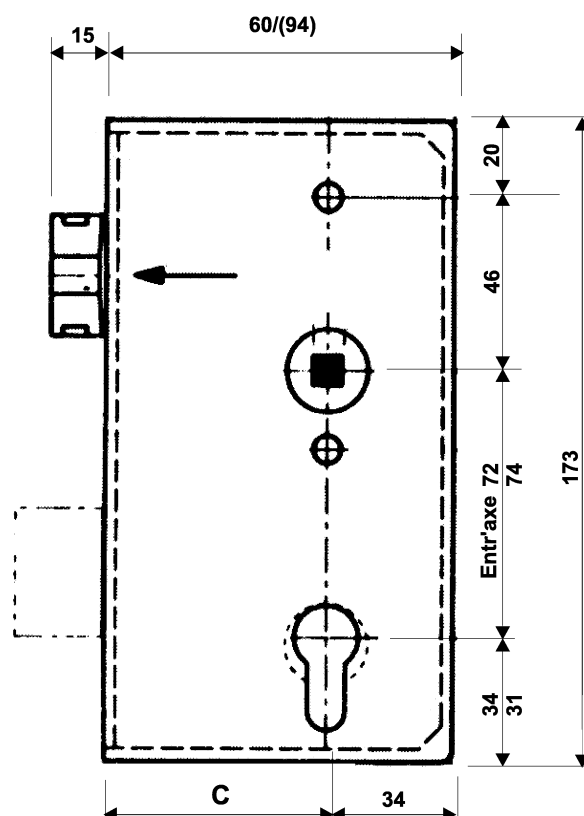
| Code | Découpe (mm) | Entr'axe (mm) |
|------|--------------|---------------|
|------|--------------|---------------|

|     |                  |    |
|-----|------------------|----|
| 02. | cylindre rond 22 | 74 |
|-----|------------------|----|

|     |                     |    |
|-----|---------------------|----|
| 03. | cylindre profilé 17 | 72 |
|-----|---------------------|----|

C = distance au canon (mm)

40, 60



9.105.

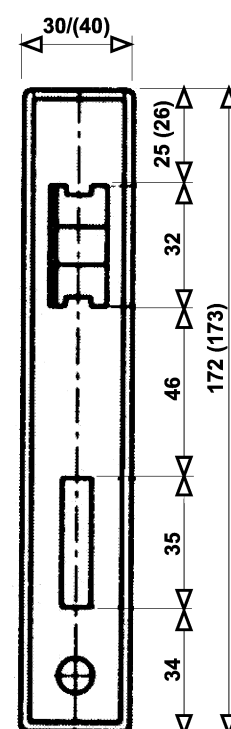
### SERRURE DE PORTAIL

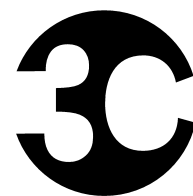
- boîtier à souder
- dimensions 94 x 173 x 40 mm
- distance au canon 60 mm
- serrure zinguée
- à levier
- réversible
- pêne 2 tours 24 mm
- indication des cotes entre (...)

| Code | Découpe (mm) | Entr'axe (mm) |
|------|--------------|---------------|
|------|--------------|---------------|

|    |                  |    |
|----|------------------|----|
| 02 | cylindre rond 22 | 74 |
|----|------------------|----|

|    |                     |    |
|----|---------------------|----|
| 03 | cylindre profilé 17 | 72 |
|----|---------------------|----|





Services SA

**9.110.**

**GÂCHE**

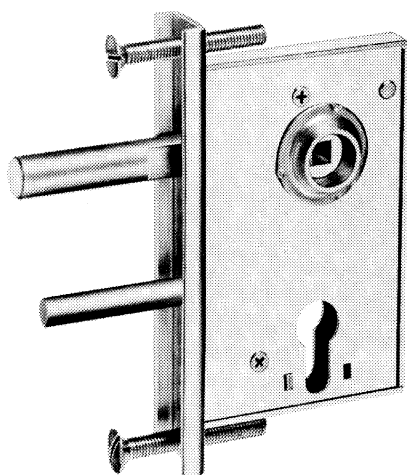
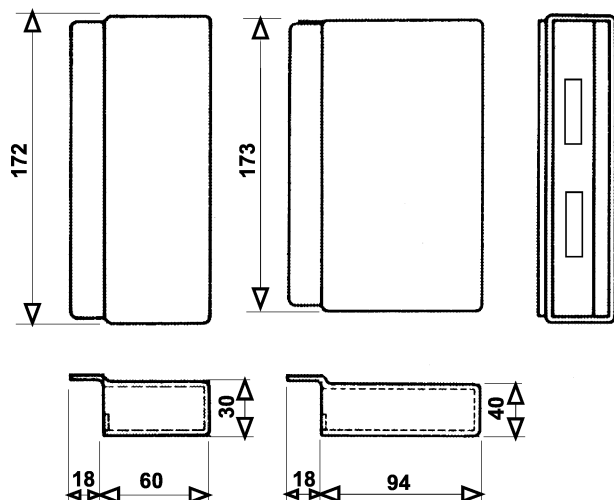
- en acier brut
- à souder
- réversible

**Code**

**Utilisation**

**1**  
**2**

pour 9.100  
pour 9.105



**9.115.**

**SERRURE DE PORTAIL**

- tête U
- réversible
- 2 tours
- galvanisée bleu
- sans levier
- avec vis M8 x 60 mm
- pour tubes 3/4 - 1 1/2"
- pêne 2 tours 2x 12,5 mm

**Code**

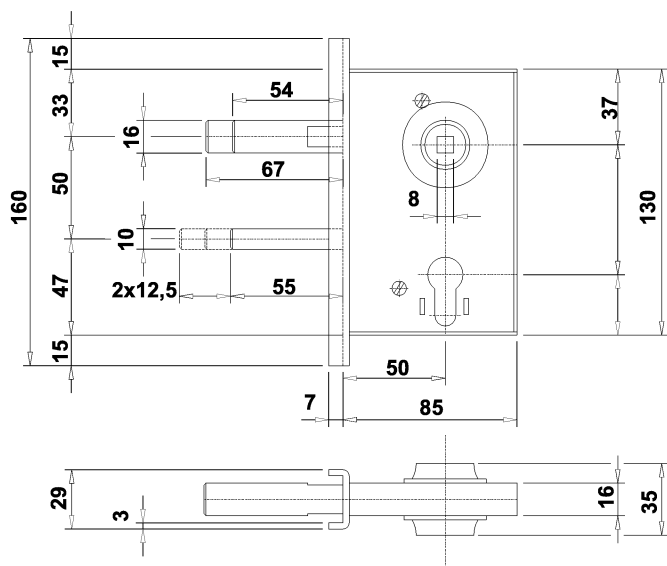
**Découpe (mm)**

**Entr'axe (mm)**

**02**  
**03**

cylindre rond 22  
cylindre profilé 17

65  
63,5



## 9.110.21 COFFRE DE GÂCHE BRUT

### Finition :

- Acier brut

### Utilisation :

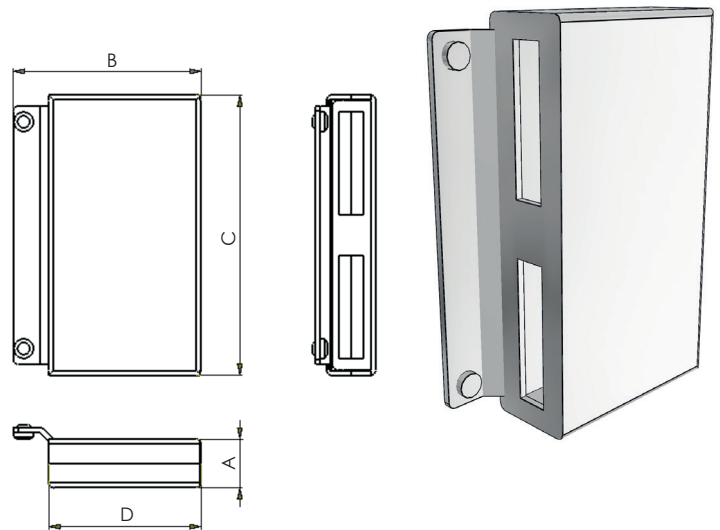
- Réversible
- A souder pour doubles portails

### Dimensions :

|                      |        |
|----------------------|--------|
| A                    | 40 mm  |
| B                    | 119 mm |
| C                    | 173 mm |
| D                    | 94 mm  |
| Épaisseur de matière | 3 mm   |
| Poid                 | 1270 g |

Utilisation pour serrures de portails : 9.102.  
9.105.

| Coffret de gâche brut | 3C n°    | Traitement | Unités |
|-----------------------|----------|------------|--------|
|                       | 9.110.21 | Acier brut | 1      |



## 9.110.11 COFFRE DE GÂCHE ÉTROIT BRUT

### Finition :

- Acier brut

### Utilisation :

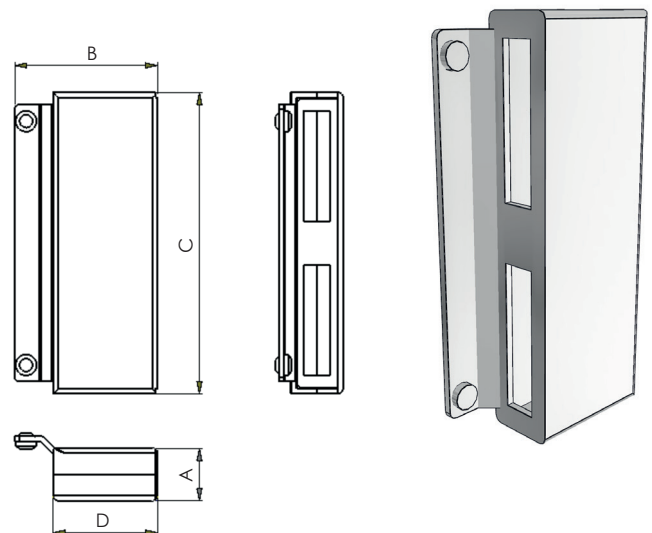
- Réversible
- A souder pour doubles portails

### Dimensions :

|                      |        |
|----------------------|--------|
| A                    | 30 mm  |
| B                    | 82 mm  |
| C                    | 173 mm |
| D                    | 60 mm  |
| Épaisseur de matière | 3 mm   |
| Poid                 | 784 g  |

Utilisation pour serrure de portail : 9.100.

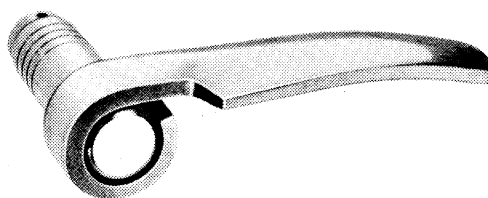
| Coffret de gâche étroite brut | 3C n°    | Traitement | Unités |
|-------------------------------|----------|------------|--------|
|                               | 9.110.11 | Acier brut | 1      |



## 9.120.0

### POIGNEE DE PORTAIL

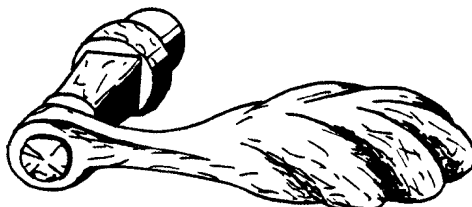
- en acier zingué
- tige carrée de 8 mm
- dimensions 62 x 133 mm
- collet 18 mm



## 9.125.0

### POIGNEE DE PORTAIL

- en fer forgé, zingué et patiné
- trou carré de 8 mm
- dimensions 60 x 135 mm
- collet 18 mm

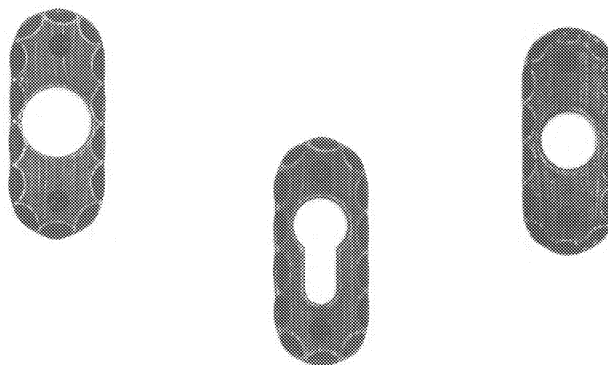


## 9.126.

### ROSACE

- en fer forgé, zingué et patiné
- fixation visible

| Code | Découpe (mm)        | Dimensions (mm) |
|------|---------------------|-----------------|
| 18   | collet 18           | 30 x 72 x 5     |
| 02   | cylindre rond 22    | 30 x 72 x 3     |
| 03   | cylindre profilé 17 | 30 x 72 x 3     |

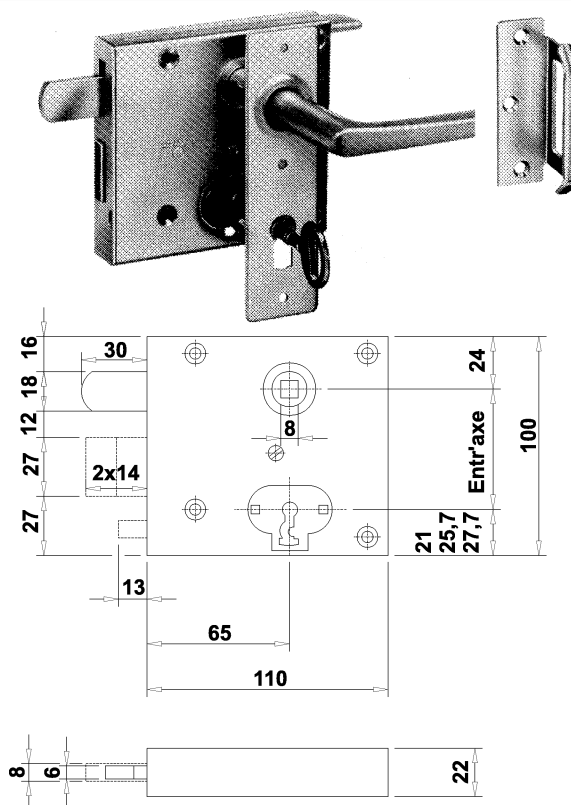


## 9.130.

### SERRURE DE PORTAIL

- 2 tours
- zinguée jaune
- réversible
- avec gâche
- avec entrée et poignée

| Code | Découpe (mm)        | Entr'axe (mm) |
|------|---------------------|---------------|
| 01   | clé chiffrée        | 55            |
| 02   | cylindre rond 22    | 50,3          |
| 03   | cylindre profilé 17 | 48,3          |



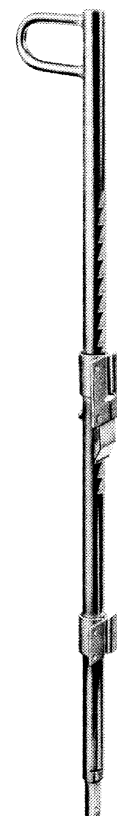
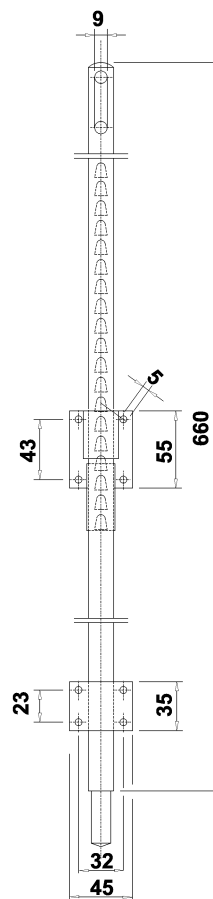
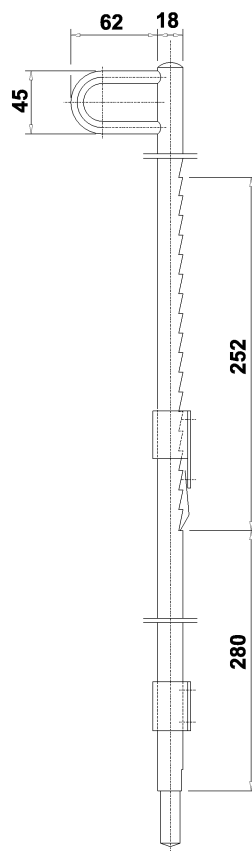




## 9.145.0

### ARRÊT DE PORTAIL

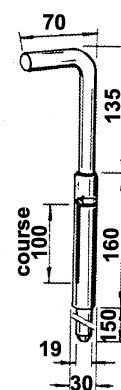
- en acier promatisé
- avec ressort de blocage
- course 230 mm



## 9.150.0

### ARRÊT DE PORTAIL

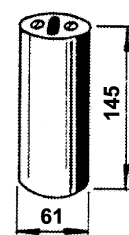
- en acier brut
- à souder
- course 100 mm



## 9.155.0

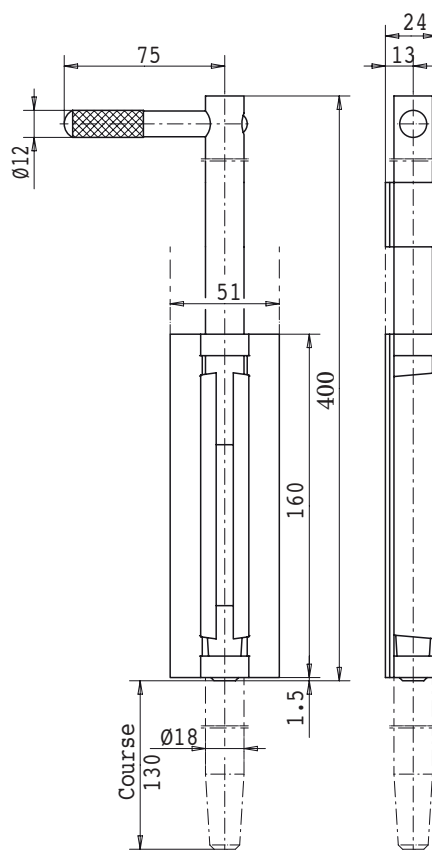
### DOUILLE DE SOL

- en acier zingué au feu
- pour arrêt 9.150.0



## 9.147.0 VERROU BAIONETTE

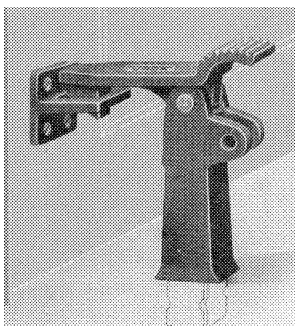
- En Inox V2A brut
- Platine à souder
- Longueur 400 mm
- Pêne  $\varnothing 18$  mm
- Course 130 mm
- Réversible droite/gauche



### Accessoire optionnel

Gâche à ressort voir:  
article 3C n° 6.425.2

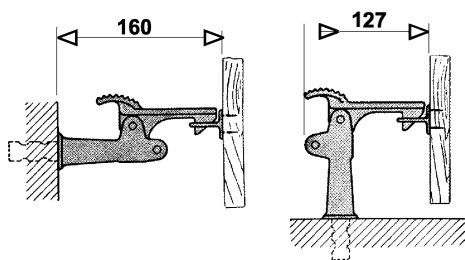




**9.160.**

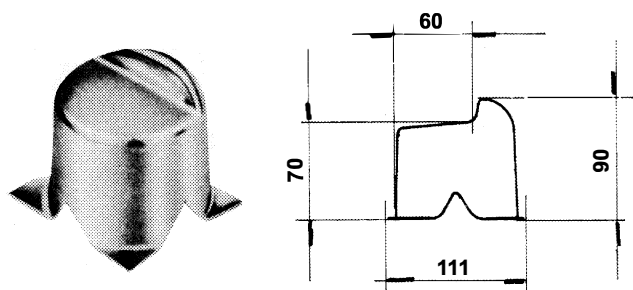
**ARRÊT DE PORTAIL**

- en fonte galvanisée bleu
- à sceller
- avec gâche



**Code      Montage**

**1**            au sol  
**2**            mural



**9.165.0**

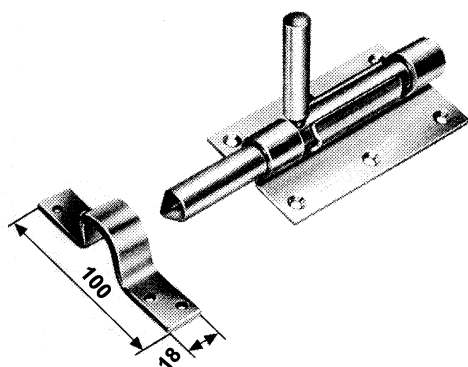
**ARRÊT DE PORTAIL**

- en acier galvanisé
- à sceller

**9.170.**

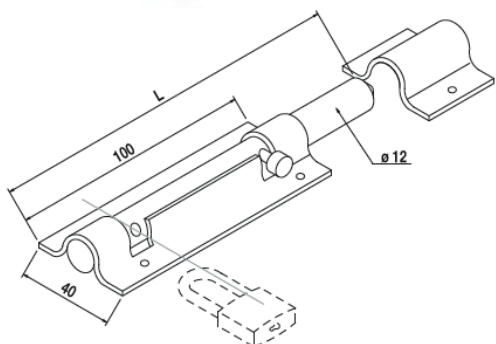
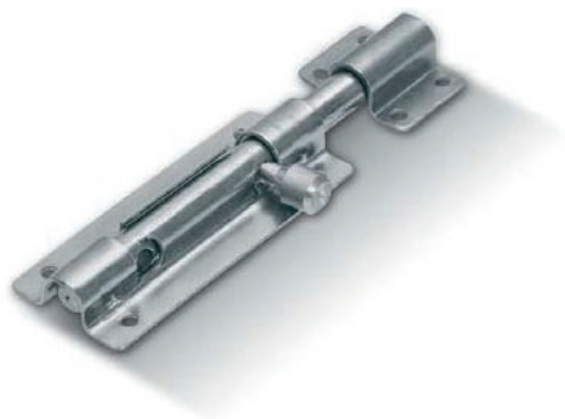
**TARGETTE**

- avec gâche
- exécution lourde
- platine 110 x 62 mm
- course 62 mm
- pêne  $\varnothing$  16 mm



**Code**

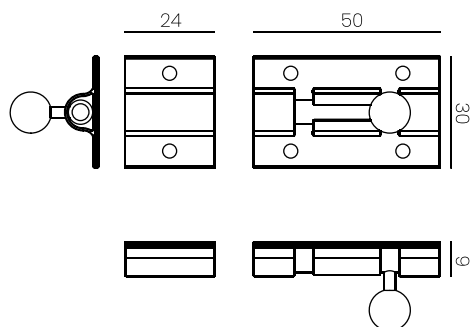
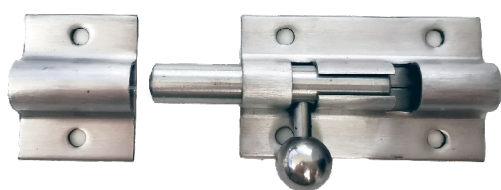
**01**            en acier zingué  
**04**            en acier inoxydable



### Verrou

- Avec trou pour cadenas
- En acier inox

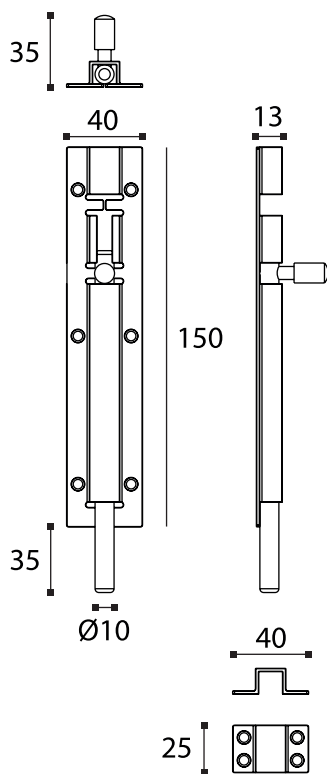
| N° d'art. | Traitement | Longueur |
|-----------|------------|----------|
| 9.175.80  | inox       | 150 mm   |



### Verrou

- Verrou à visser
- Inox brossé mat
- Gâche comprise

| N° d'art. | Course | Platine  | Tige   |
|-----------|--------|----------|--------|
| 9.176.805 | 20 mm  | 50x30 mm | ø 8 mm |



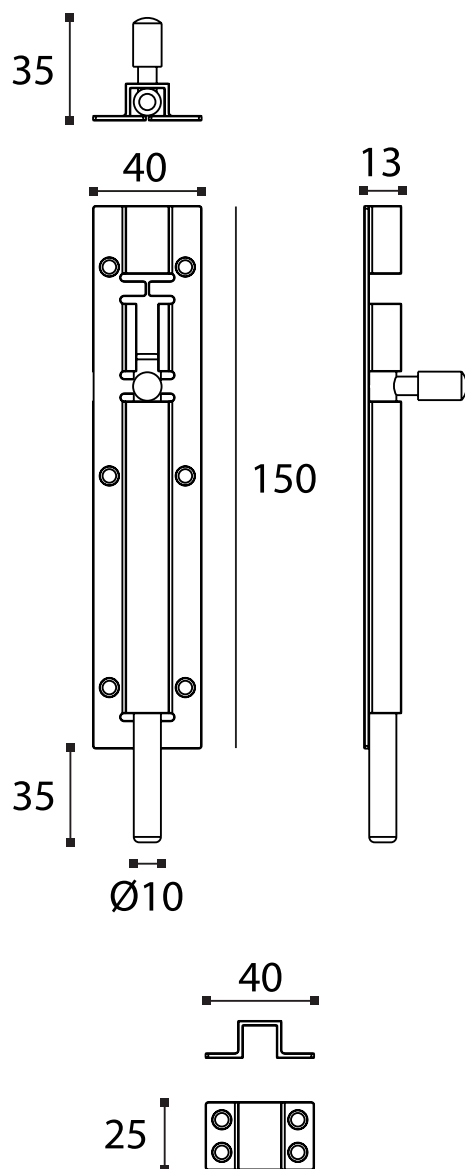
### Verrou

- Verrou à visser
- Inox brossé mat
- Gâche comprise

| N° d'art. | Course | Platine   |
|-----------|--------|-----------|
| 9.177.80  | 35 mm  | 150x40 mm |

## 9.177.80 VERROU

- Verrou à visser
- Platine : 150/40 mm
- course 35 mm
- Inox brossé mat

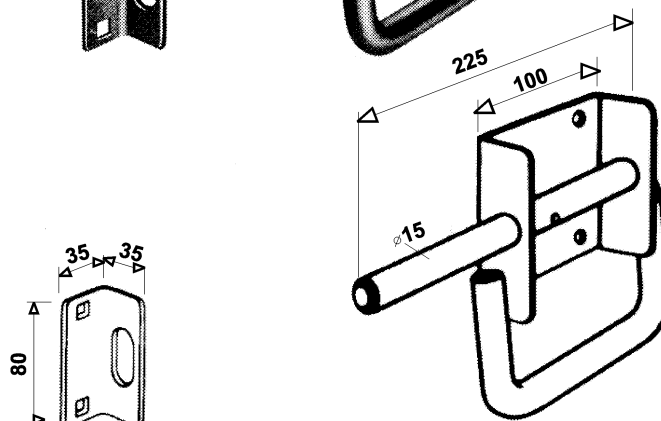




**9.180.0**

### VERROU D'ECURIE

- en acier zingué au feu
- avec gâche à visser

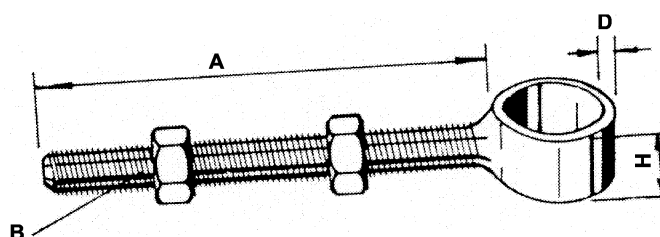


**9.200.**

### GOND

- en acier brut

| Code      | Tube   | A   | B  | D   | H (MM) |
|-----------|--------|-----|----|-----|--------|
| <b>10</b> | 1"     | 175 | 16 | 7,5 | 30     |
| <b>14</b> | 1 1/4" | 190 | 20 | 8   | 30     |
| <b>15</b> | 1 1/2" | 230 | 22 | 8   | 30     |
| <b>20</b> | 2"     | 240 | 24 | 10  | 30     |

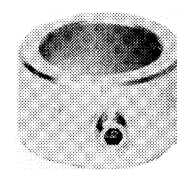
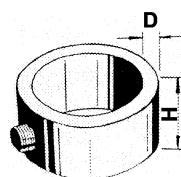


**9.205.**

### BAGUE

- en acier brut

| Code      | Tube   | D   | H (MM) |
|-----------|--------|-----|--------|
| <b>10</b> | 1"     | 7,5 | 30     |
| <b>14</b> | 1 1/4" | 8   | 30     |
| <b>15</b> | 1 1/2" | 8   | 30     |
| <b>20</b> | 2"     | 10  | 30     |

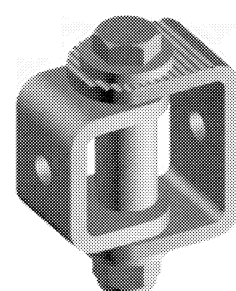
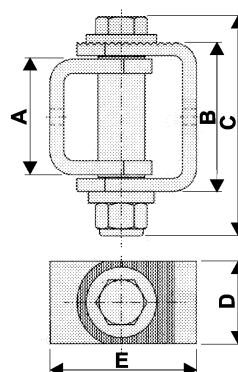


**9.206.**

### PIVOT

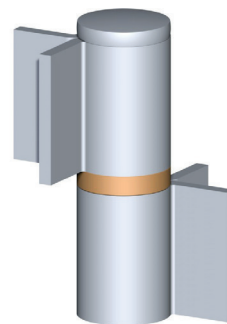
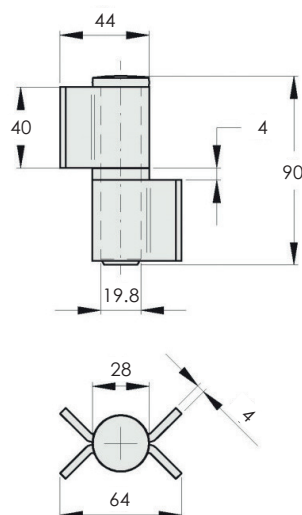
- à souder
- en acier zingué

| Code     | A  | B  | C  | D  | E (MM) |
|----------|----|----|----|----|--------|
| <b>1</b> | 30 | 42 | 72 | 30 | 55-65  |
| <b>2</b> | 40 | 60 | 90 | 35 | 60-70  |



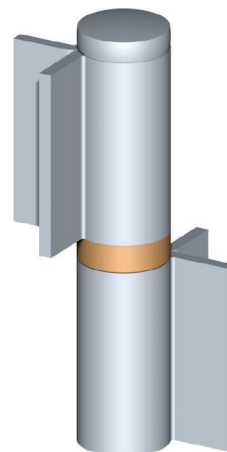
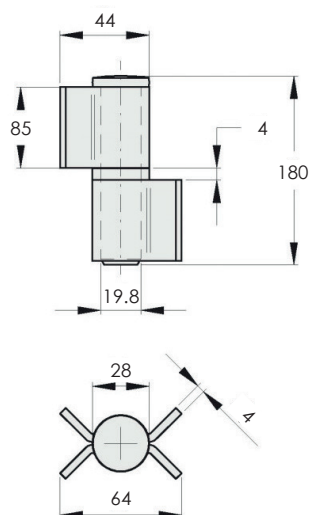
## 9.210.0 CHARNIÈRE

- En acier brut
- A souder
- Dégondable
- Rondelle en laiton



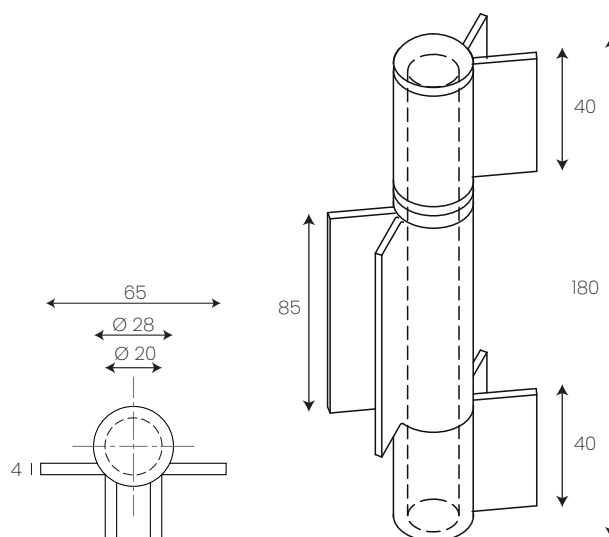
## 9.215.0 CHARNIÈRE

- En acier brut
- A souder
- Dégondable
- Rondelle en laiton



## 9.220.0 CHARNIÈRE

- En acier brut
- A souder
- Dégondable
- Rondelle en laiton



## 9.221.

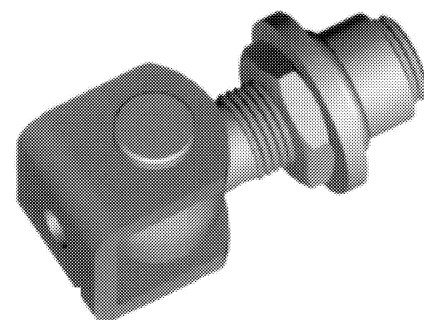
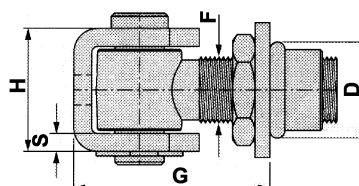
### PIVOT

- à souder
- réglable
- en acier zingué

| Code | F | H | S | G | D (mm) |
|------|---|---|---|---|--------|
|------|---|---|---|---|--------|

|   |     |    |   |       |    |
|---|-----|----|---|-------|----|
| 1 | M18 | 39 | 6 | 50-60 | 28 |
|---|-----|----|---|-------|----|

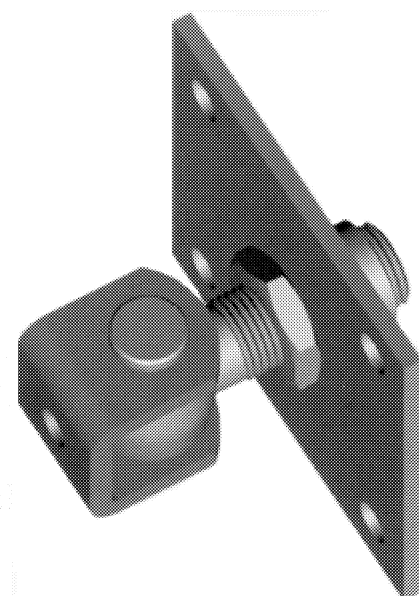
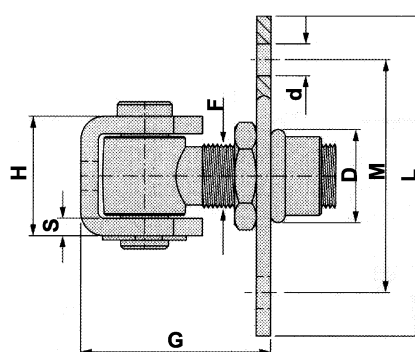
|   |     |    |   |       |    |
|---|-----|----|---|-------|----|
| 2 | M22 | 41 | 6 | 55-72 | 32 |
|---|-----|----|---|-------|----|



## 9.221.

### PIVOT

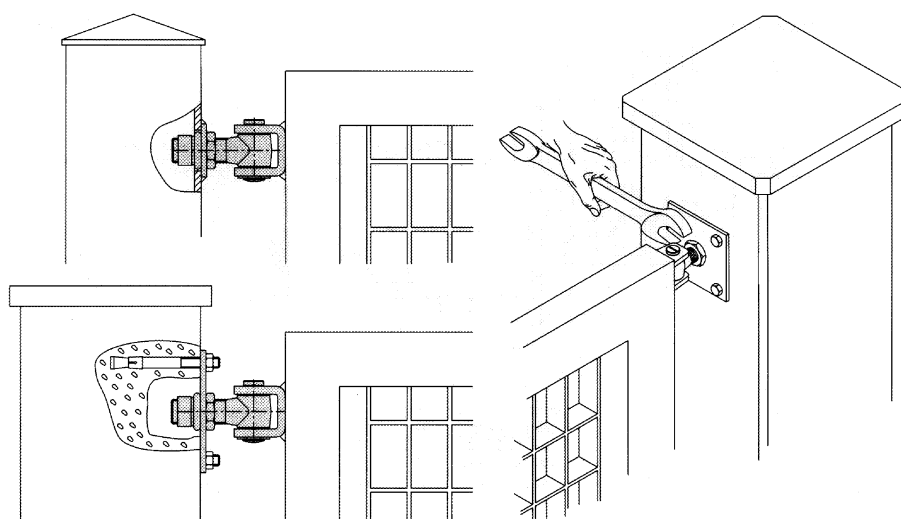
- à souder
- avec plaque
- réglable
- en acier zingué

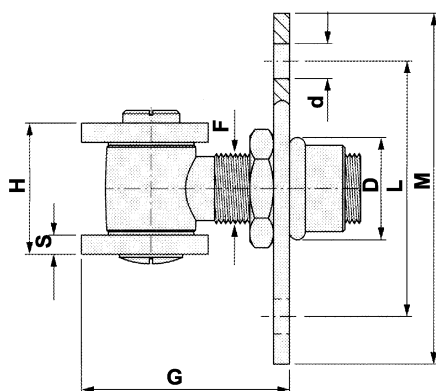
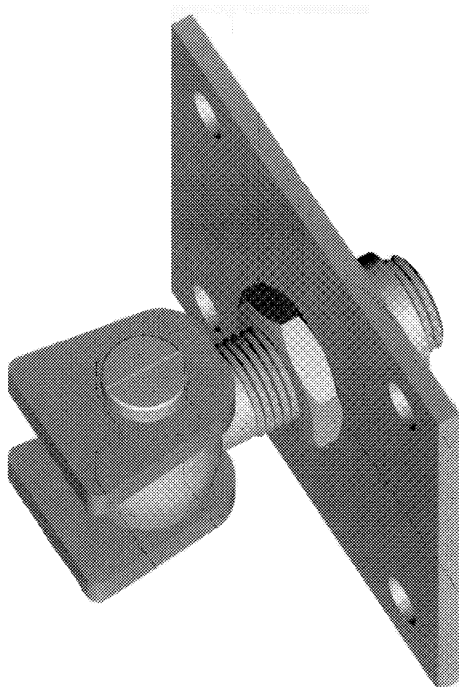
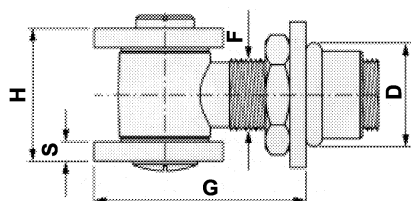
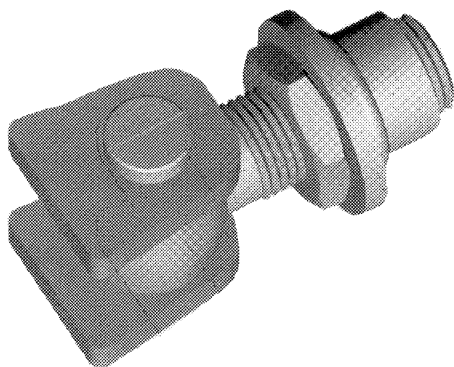


| Code | F | H | S | G | D | d | L | M (mm) |
|------|---|---|---|---|---|---|---|--------|
|------|---|---|---|---|---|---|---|--------|

|   |     |    |   |       |    |   |        |       |
|---|-----|----|---|-------|----|---|--------|-------|
| 3 | M18 | 39 | 6 | 50-60 | 28 | 9 | 90x 90 | 64x64 |
|---|-----|----|---|-------|----|---|--------|-------|

|   |     |    |   |       |    |    |         |       |
|---|-----|----|---|-------|----|----|---------|-------|
| 4 | M22 | 41 | 6 | 55-72 | 32 | 11 | 110x110 | 80x80 |
|---|-----|----|---|-------|----|----|---------|-------|





**9.222.**

**PIVOT**

- à souder
- réglable
- en acier zingué

| Code     | F   | H  | S  | G     | D (mm) |
|----------|-----|----|----|-------|--------|
| <b>1</b> | M18 | 40 | 6  | 50-60 | 28     |
| <b>2</b> | M22 | 45 | 8  | 55-72 | 32     |
| <b>3</b> | M27 | 60 | 10 | 66-80 | 40     |

**9.222.**

**PIVOT**

- à souder
- avec plaque
- réglable
- en acier zingué

| Code     | F   | H  | S  | G     | D  | d  | L       | M (mm) |
|----------|-----|----|----|-------|----|----|---------|--------|
| <b>4</b> | M18 | 40 | 6  | 50-60 | 28 | 9  | 90x 90  | 64x64  |
| <b>5</b> | M22 | 45 | 8  | 55-72 | 32 | 11 | 110x110 | 80x80  |
| <b>6</b> | M27 | 60 | 10 | 66-80 | 40 | 13 | 130x130 | 90x90  |

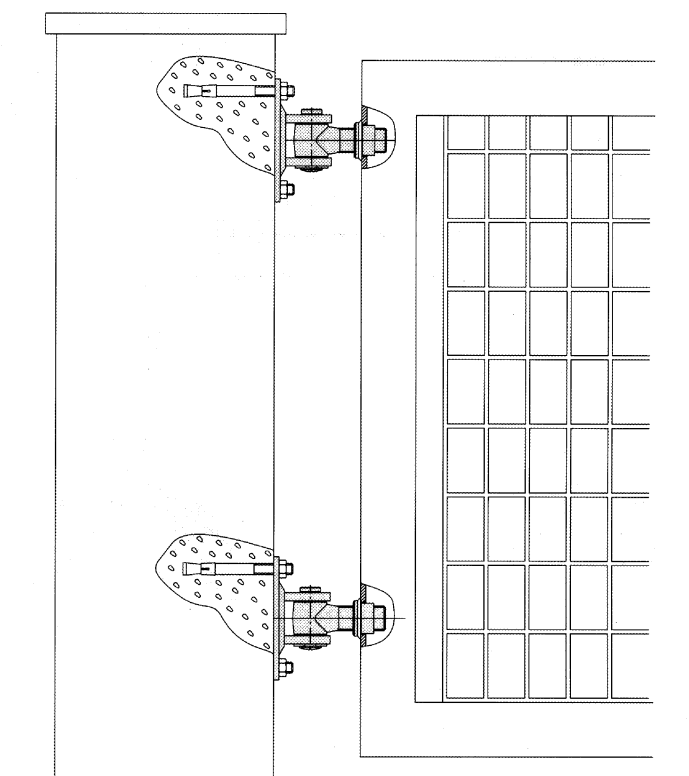
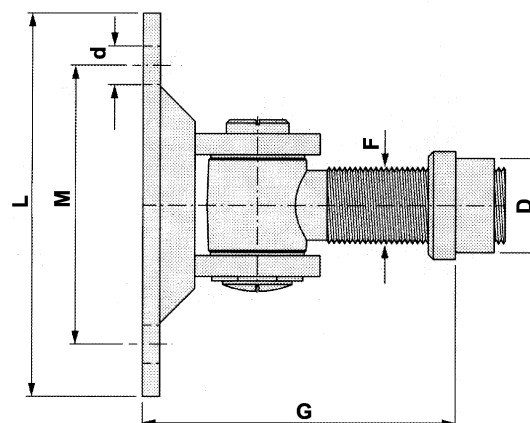
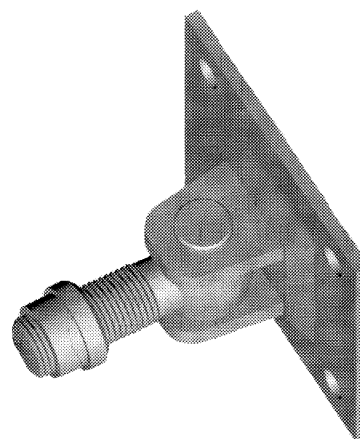
## 9.223.

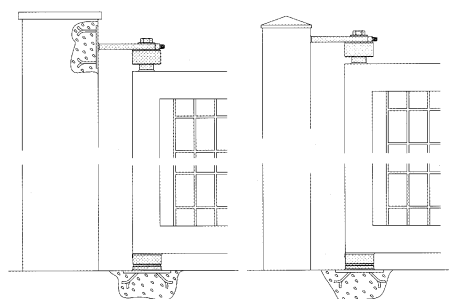
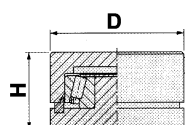
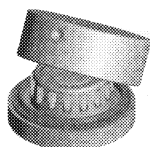
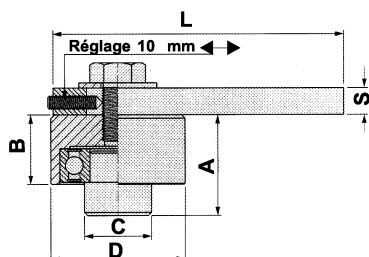
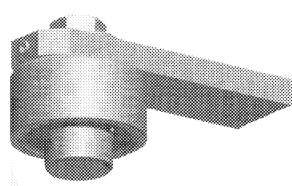
### PIVOT

- à souder
- réglable
- en acier zingué

| Code | F | G | D | d | L | M (mm) |
|------|---|---|---|---|---|--------|
|------|---|---|---|---|---|--------|

|          |     |       |    |    |         |       |
|----------|-----|-------|----|----|---------|-------|
| <b>1</b> | M18 | 50-70 | 22 | 9  | 90x 90  | 64x64 |
| <b>2</b> | M22 | 55-83 | 26 | 11 | 110x110 | 80x80 |
| <b>3</b> | M27 | 64-95 | 35 | 13 | 130x130 | 90x90 |



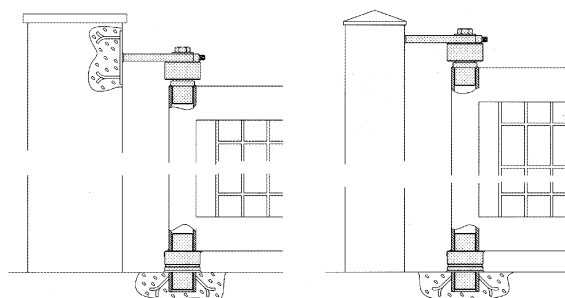
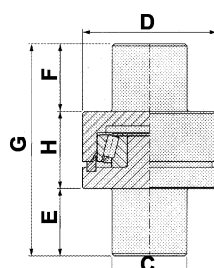
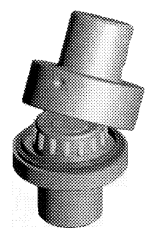
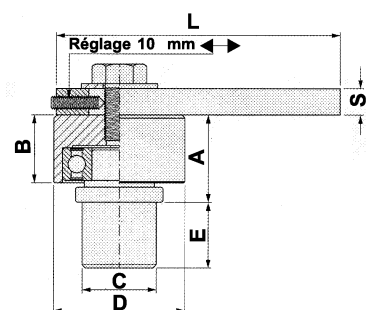
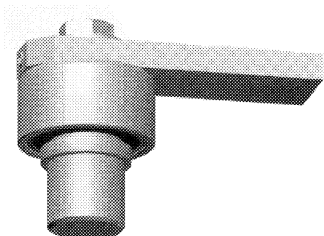


**9.226.**

**PIVOT**

- à souder
- roulement à billes
- en acier zingué

| Code     | D  | L   | S  | A  | B  | C  | H(mm) |
|----------|----|-----|----|----|----|----|-------|
| <b>1</b> | 50 | 100 | 10 | 37 | 26 | 30 | 32    |
| <b>2</b> | 60 | 130 | 12 | 45 | 31 | 30 | 35    |
| <b>3</b> | 70 | 140 | 12 | 46 | 32 | 35 | 40    |



**9.227.**

**PIVOT**

- à souder
- roulement à billes
- en acier zingué

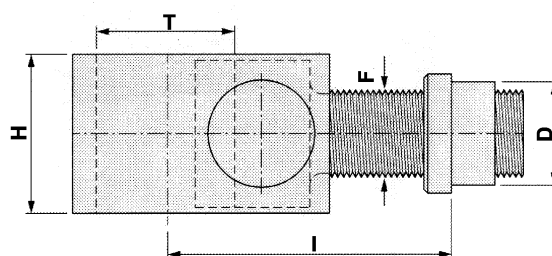
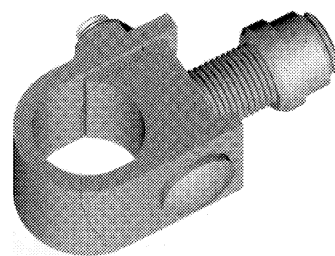
| Code     | D  | L   | S  | A  | B  | C  | E  | F  | H  | G(mm) |
|----------|----|-----|----|----|----|----|----|----|----|-------|
| <b>1</b> | 60 | 130 | 12 | 42 | 31 | 34 | 30 | 30 | 35 | 95    |
| <b>2</b> | 70 | 140 | 12 | 43 | 32 | 44 | 30 | 25 | 40 | 95    |

9.228.

**PIVOT**

- à visser
- réglable
- en acier zingué

| Code     | F   | H  | T  | I     | D (mm) |
|----------|-----|----|----|-------|--------|
| <b>1</b> | M18 | 35 | 30 | 42-70 | 22     |
| <b>2</b> | M22 | 40 | 35 | 45-77 | 26     |
| <b>3</b> | M27 | 45 | 40 | 50-95 | 35     |

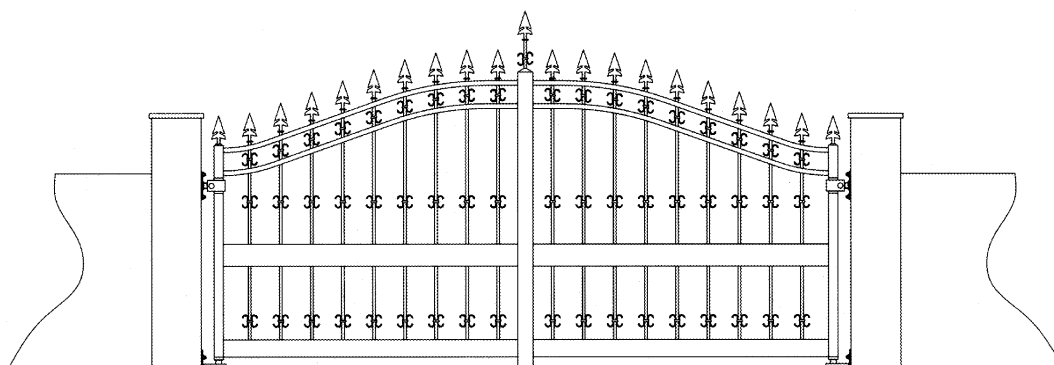
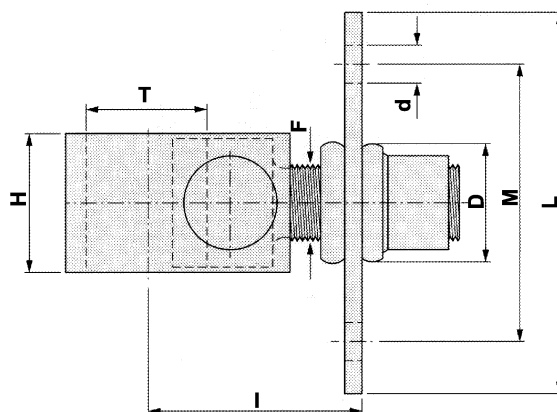
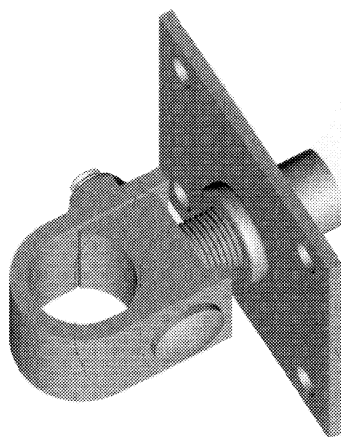


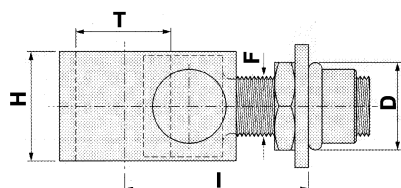
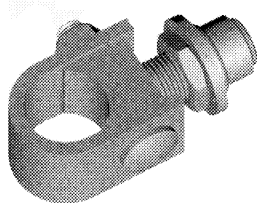
9.228.

**PIVOT**

- à visser
- avec plaque
- réglable
- en acier zingué

| Code     | F   | H  | T  | I     | D  | d  | L       | M (mm) |
|----------|-----|----|----|-------|----|----|---------|--------|
| <b>4</b> | M18 | 35 | 30 | 44-62 | 28 | 9  | 90x 90  | 64x64  |
| <b>5</b> | M22 | 40 | 35 | 53-70 | 35 | 11 | 110x110 | 80x80  |
| <b>6</b> | M27 | 45 | 40 | 63-80 | 46 | 13 | 130x130 | 90x90  |





**9.229.**

**PIVOT**

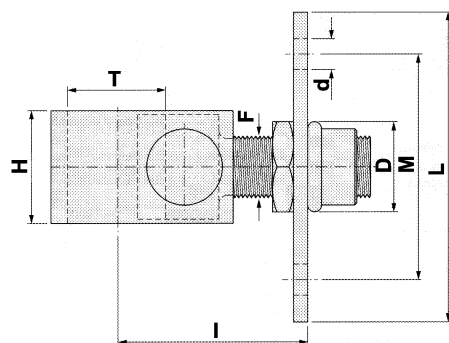
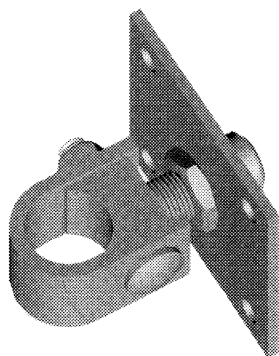
- à visser
- réglable
- en acier zingué

| Code | F | H | T | I | D (mm) |
|------|---|---|---|---|--------|
|------|---|---|---|---|--------|

|          |     |    |    |       |    |
|----------|-----|----|----|-------|----|
| <b>1</b> | M18 | 35 | 30 | 50-65 | 28 |
|----------|-----|----|----|-------|----|

|          |     |    |    |       |    |
|----------|-----|----|----|-------|----|
| <b>2</b> | M22 | 40 | 35 | 55-76 | 32 |
|----------|-----|----|----|-------|----|

|          |     |    |    |       |    |
|----------|-----|----|----|-------|----|
| <b>3</b> | M27 | 45 | 40 | 65-85 | 39 |
|----------|-----|----|----|-------|----|



**9.229.**

**PIVOT**

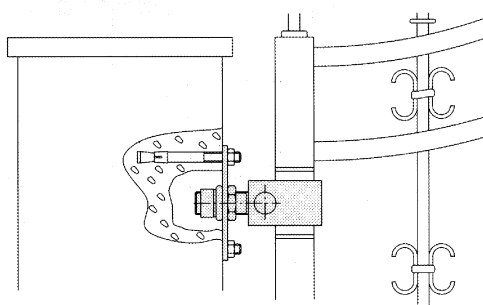
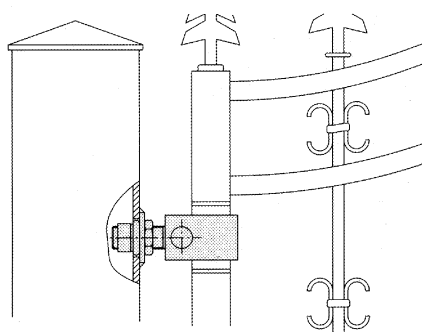
- à visser
- avec plaque
- réglable
- en acier zingué

| Code | F | H | T | I | D | d | L | M(mm) |
|------|---|---|---|---|---|---|---|-------|
|------|---|---|---|---|---|---|---|-------|

|          |     |    |    |       |    |   |       |       |
|----------|-----|----|----|-------|----|---|-------|-------|
| <b>4</b> | M18 | 35 | 30 | 50-70 | 28 | 9 | 90x90 | 64x64 |
|----------|-----|----|----|-------|----|---|-------|-------|

|          |     |    |    |       |    |    |         |       |
|----------|-----|----|----|-------|----|----|---------|-------|
| <b>5</b> | M22 | 40 | 35 | 55-76 | 32 | 11 | 110x110 | 80x80 |
|----------|-----|----|----|-------|----|----|---------|-------|

|          |     |    |    |       |    |    |         |       |
|----------|-----|----|----|-------|----|----|---------|-------|
| <b>6</b> | M27 | 45 | 40 | 65-85 | 39 | 13 | 130x130 | 90x90 |
|----------|-----|----|----|-------|----|----|---------|-------|





9.231.

### RACCORD

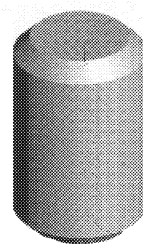
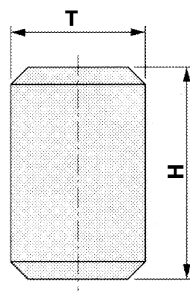
● à souder

| Code | T | H (mm) |
|------|---|--------|
|------|---|--------|

|   |    |    |
|---|----|----|
| 1 | 30 | 50 |
|---|----|----|

|   |    |    |
|---|----|----|
| 2 | 35 | 55 |
|---|----|----|

|   |    |    |
|---|----|----|
| 3 | 40 | 70 |
|---|----|----|



9.231.

### RACCORD

● à souder

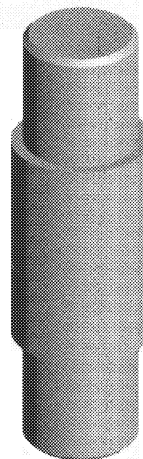
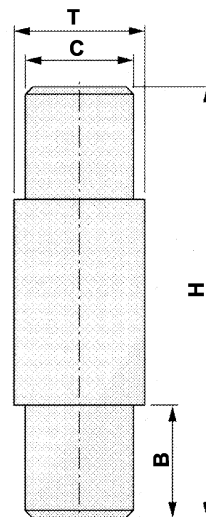
| Code | T | H | B | C (mm) |
|------|---|---|---|--------|
|------|---|---|---|--------|

|   |    |     |    |    |
|---|----|-----|----|----|
| 4 | 30 | 110 | 30 | 24 |
|---|----|-----|----|----|

|   |    |     |    |    |
|---|----|-----|----|----|
| 5 | 35 | 115 | 30 | 29 |
|---|----|-----|----|----|

|   |    |     |    |    |
|---|----|-----|----|----|
| 6 | 35 | 115 | 30 | 34 |
|---|----|-----|----|----|

|   |    |     |    |    |
|---|----|-----|----|----|
| 7 | 40 | 130 | 30 | 34 |
|---|----|-----|----|----|



9.232.

### RACCORD

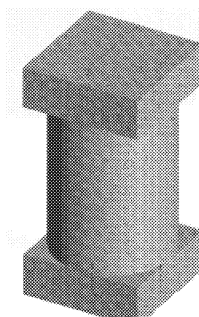
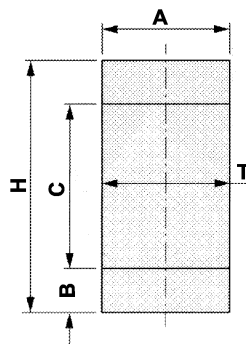
● à souder

| Code | T | H | A | B | C (mm) |
|------|---|---|---|---|--------|
|------|---|---|---|---|--------|

|   |    |    |    |    |    |
|---|----|----|----|----|----|
| 1 | 30 | 60 | 30 | 10 | 40 |
|---|----|----|----|----|----|

|   |    |    |    |    |    |
|---|----|----|----|----|----|
| 2 | 35 | 69 | 35 | 12 | 45 |
|---|----|----|----|----|----|

|   |    |    |    |    |    |
|---|----|----|----|----|----|
| 3 | 40 | 80 | 40 | 15 | 50 |
|---|----|----|----|----|----|



9.232.

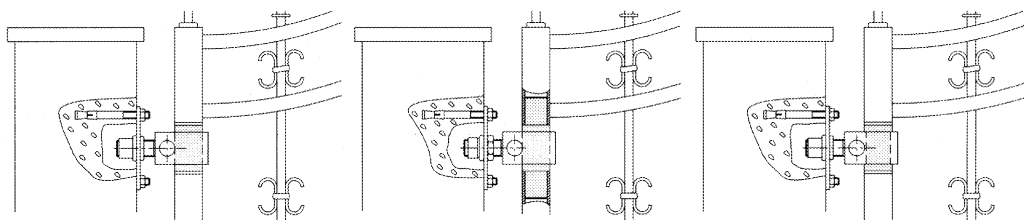
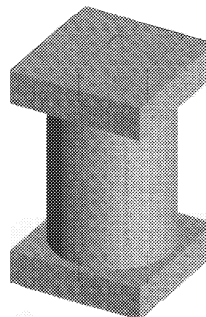
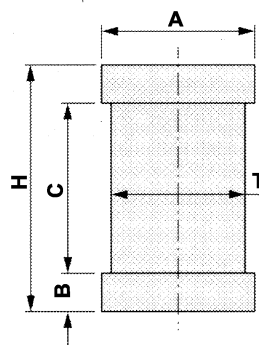
### RACCORD

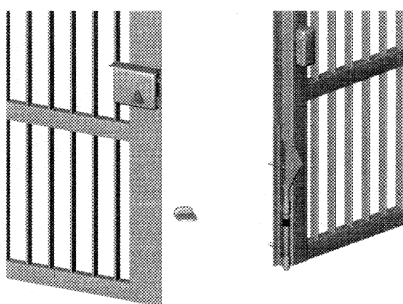
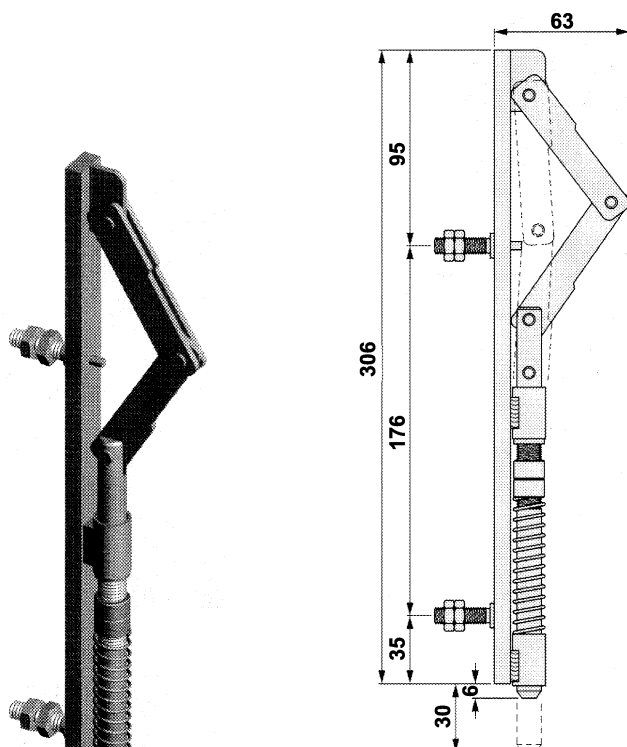
● à souder

| Code | T | H | A | B | C (mm) |
|------|---|---|---|---|--------|
|------|---|---|---|---|--------|

|   |    |    |    |      |    |
|---|----|----|----|------|----|
| 4 | 30 | 69 | 35 | 14,5 | 40 |
|---|----|----|----|------|----|

|   |    |    |    |      |    |
|---|----|----|----|------|----|
| 5 | 35 | 80 | 40 | 17,5 | 45 |
|---|----|----|----|------|----|

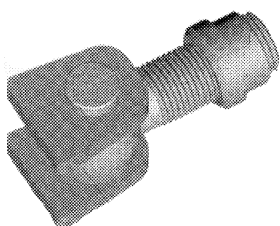




## 9.233.0

### ARRET DE PORTAIL

- ressort en acier inoxydable
- réversible

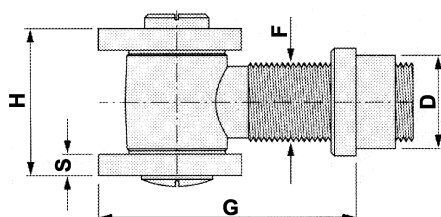


## 9.234.

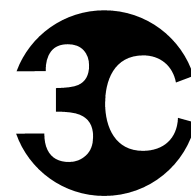


### PIVOT

- à souder
- réglable
- en acier inoxydable



| Code     | F   | H  | S | G      | D (mm) |
|----------|-----|----|---|--------|--------|
| <b>1</b> | M18 | 40 | 5 | min.41 | 22     |
| <b>2</b> | M22 | 45 | 6 | min.47 | 26     |



Services SA

9.235.



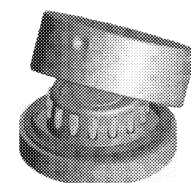
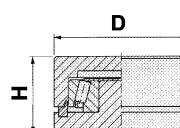
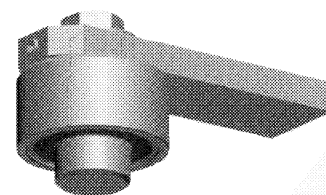
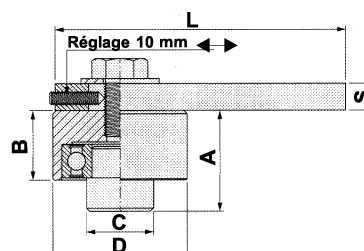
**PIVOT**

- à souder
- en acier inoxydable

**Code**   **D**   **L**   **S**   **A**   **B**   **C**   **H (mm)**

**1**   50   100   10   37   26   30   32

**2**   60   110   10   45   31   30   35

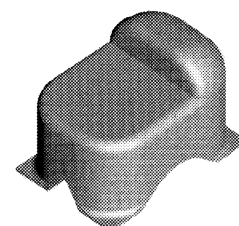
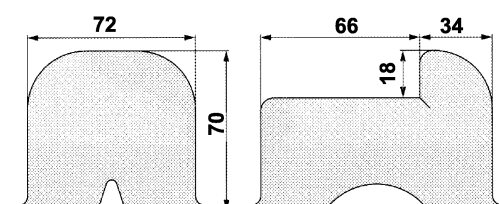


9.236.0



**ARRET DE PORTAIL**

- en acier inoxydable
- réversible



9.237.



**CAPUCHON**

- à souder
- en acier inoxydable

**Code**   **Dimenions "L" (mm)**

**3**   30

**4**   40

**5**   50

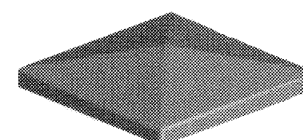
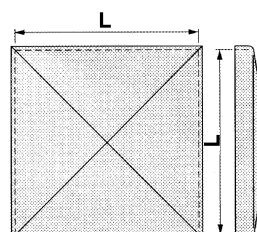
**6**   60

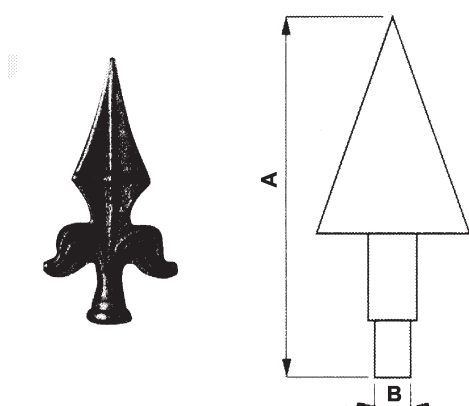
**8**   80

**10**   100

**12**   120

**15**   150





**9.252.0**

**LANCE DECORATIVE**

- en fer forgé
- A = 140 mm
- B = 16 mm

**9.290.**

**CUVETTE**

- pour tube diamètre 42 mm

**Code**

**1.**

**8.**

**Matière**

acier

inox



**Code**

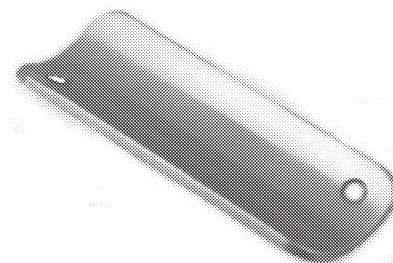
**60**

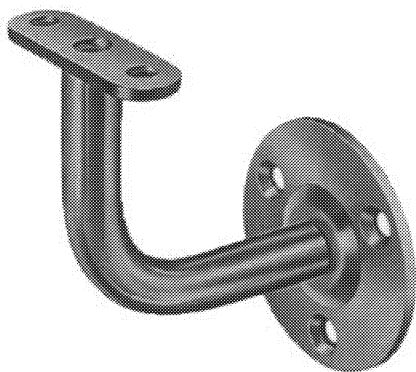
**80**

**Longueur (mm)**

60

80

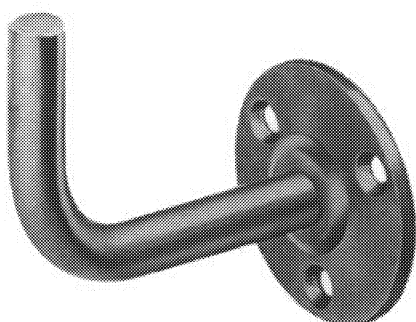




**9.300.1**

**COL DE CYGNE**

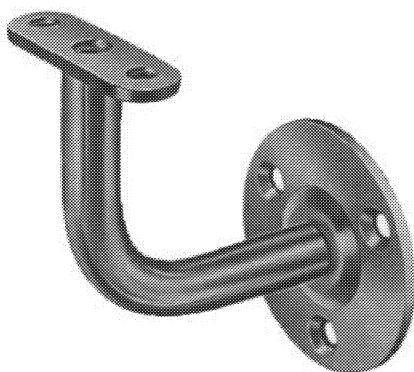
- en acier zingué
- à visser
- saillie 60 mm
- rosace diamètre 55 mm
- fer rond diamètre 12 mm



**9.305.0**

**COL DE CYGNE**

- en fer blanc
- à souder
- saillie 60 mm
- rosace diamètre 55 mm
- fer rond diamètre 12 mm

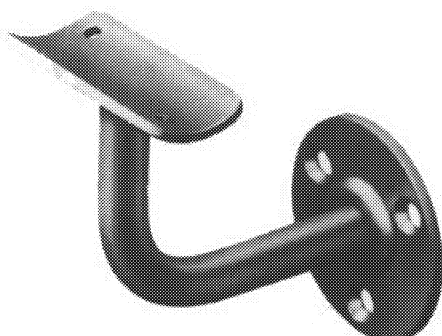


**9.310.4**

**COL DE CYGNE**



- en acier inoxydable
- à visser
- saillie 60 mm
- rosace diamètre 55 mm
- fer rond diamètre 12 mm



**9.311.4**

**COL DE CYGNE**



- en acier inoxydable
- à visser
- pour tube diamètre 42 mm
- saillie 75 mm
- rosace diamètre 55 mm
- fer rond diamètre 12 mm

## 9.305.82 COL DE CYGNE EN INOX V2A BROSSE MAT

**Rosace :**

Ø 64 mm

Epaisseur 4 mm avec 3 trous Ø 6.5 mm

**Tige :**

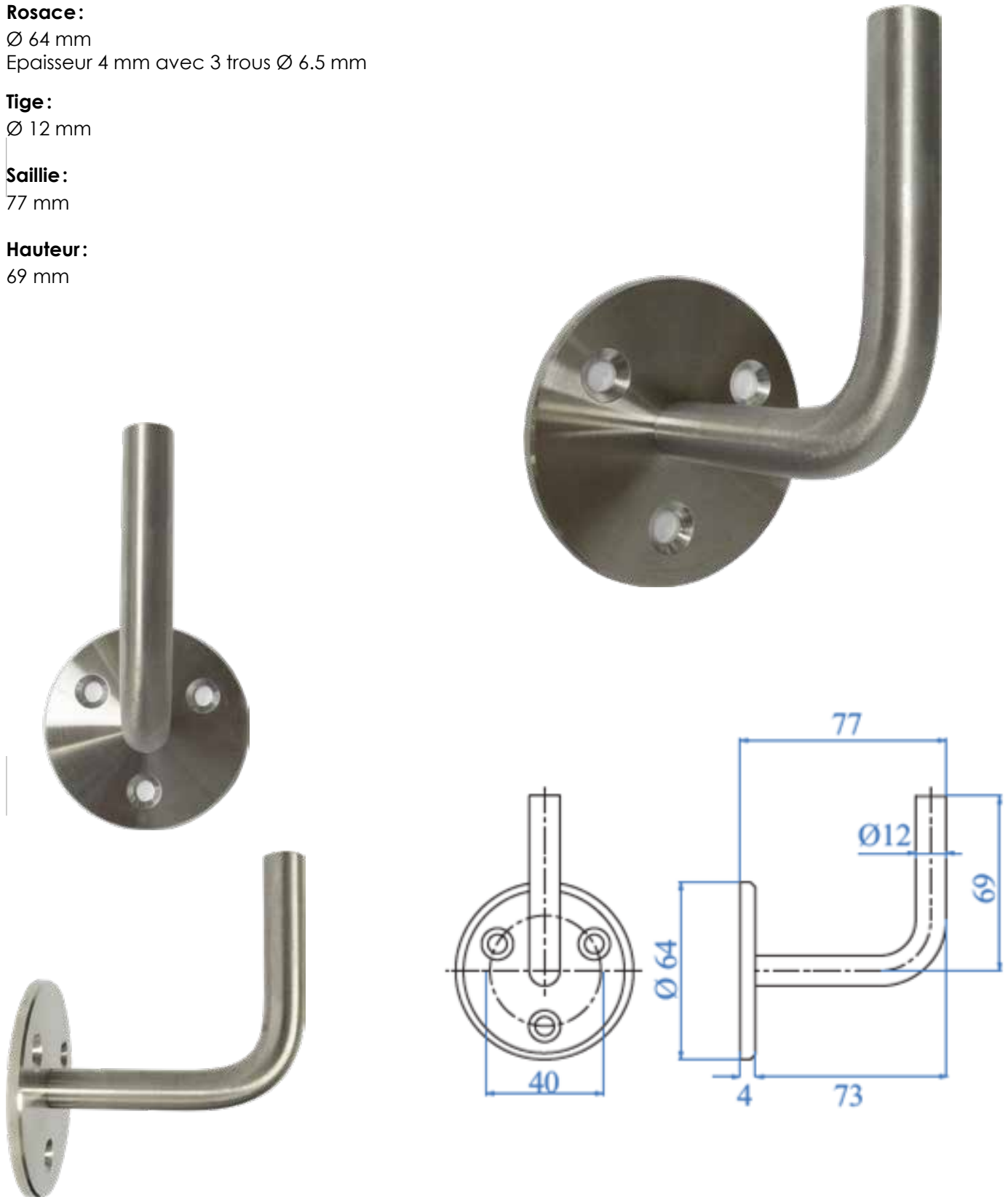
Ø 12 mm

**Saillie :**

77 mm

**Hauteur :**

69 mm

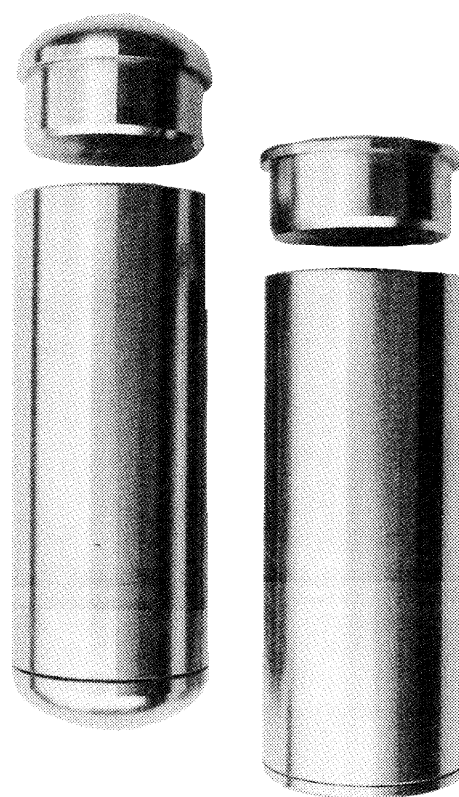
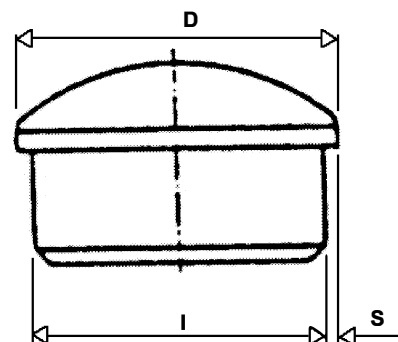


**9.315.**

**BOUCHON**

- en acier inoxydable
- à chasser
- tête arrondie

| <u>Code</u> | <u>D (mm)</u> | <u>l (mm)</u> | <u>S (mm)</u> |
|-------------|---------------|---------------|---------------|
| <b>33</b>   | 33,7          | 29,7          | 2             |
| <b>42</b>   | 42,4          | 38,4          | 2             |
| <b>48</b>   | 48,3          | 44,3          | 2             |

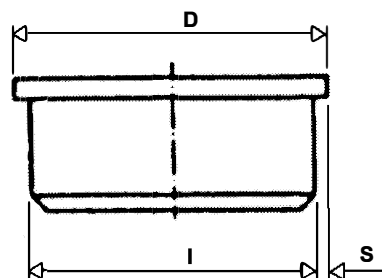


**9.320.**

**BOUCHON**

- en acier inoxydable
- à chasser
- tête plate

| <u>Code</u> | <u>D (mm)</u> | <u>l (mm)</u> | <u>S (mm)</u> |
|-------------|---------------|---------------|---------------|
| <b>33</b>   | 33,7          | 29,7          | 2             |
| <b>42</b>   | 42,4          | 38,4          | 2             |
| <b>48</b>   | 48,3          | 44,3          | 2             |



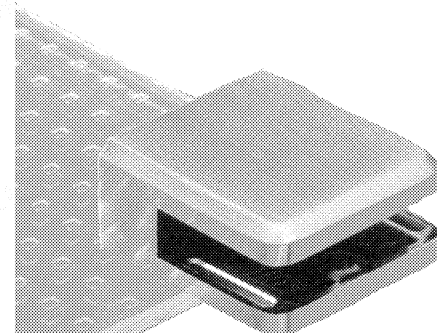
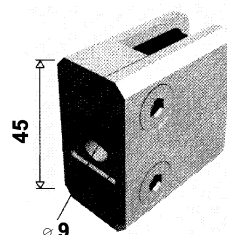
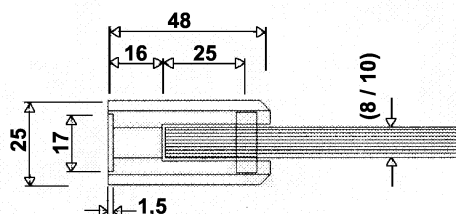
**9.365.**

**PINCE A VERRE**

- en fonte injectée
- avec dispositif pour goupille de sécurité inox 6 x 18 mm
- pour montant plat

Code                      Epaisseur de verre (mm)

**08.**                                      8  
**10.**                                      10



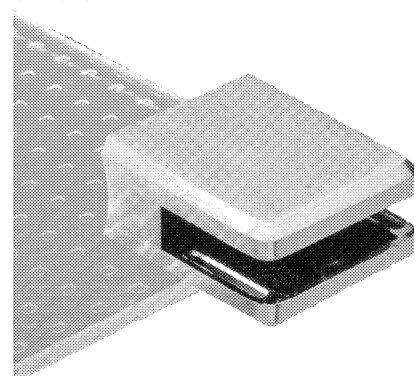
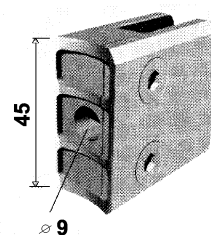
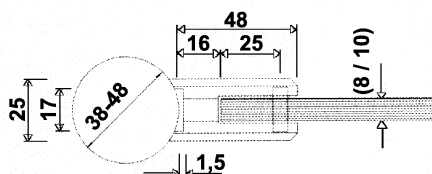
**9.370.**

**PINCE A VERRE**

- en fonte injectée
- avec dispositif pour goupille de sécurité inox 6 x 18 mm
- pour montant rond

Code                      Epaisseur de verre (mm)

**08.**                                      8  
**10.**                                      10

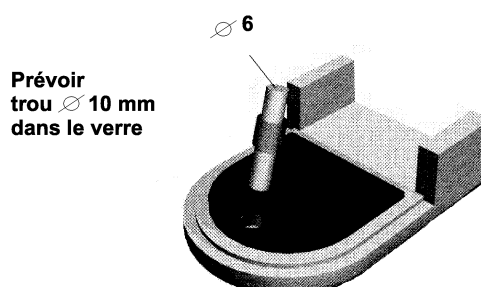


| <u>Code</u> | <u>Exécution</u>           |
|-------------|----------------------------|
| <b>00</b>   | brute                      |
| <b>12</b>   | laquée couleur alu         |
| <b>20</b>   | couleur acier inoxydable   |
| <b>99</b>   | laquée couleur RAL à choix |

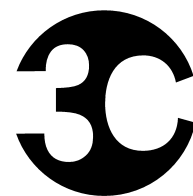
**9.360.4**

**GOUPILLE DE SECURITE**

- en acier inoxydable
- avec coussinet plastique



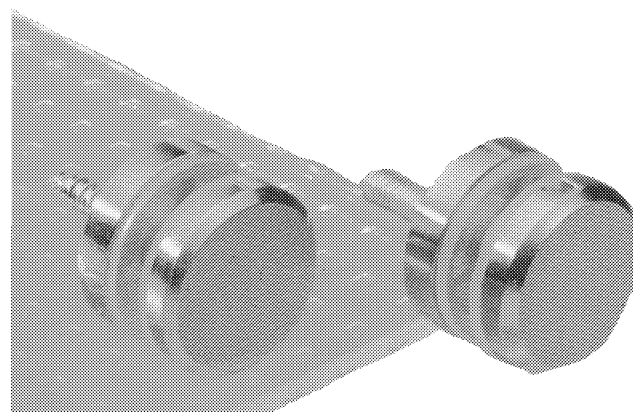
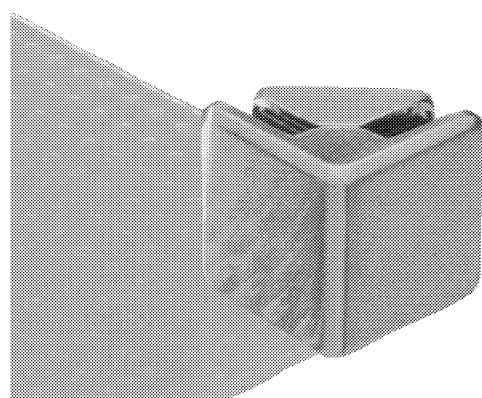
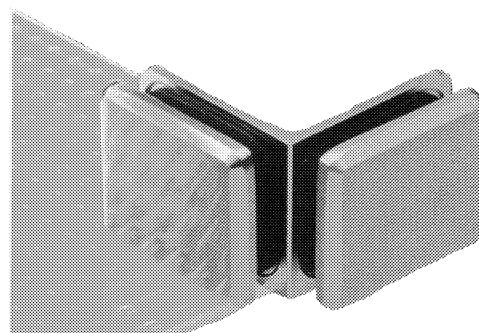
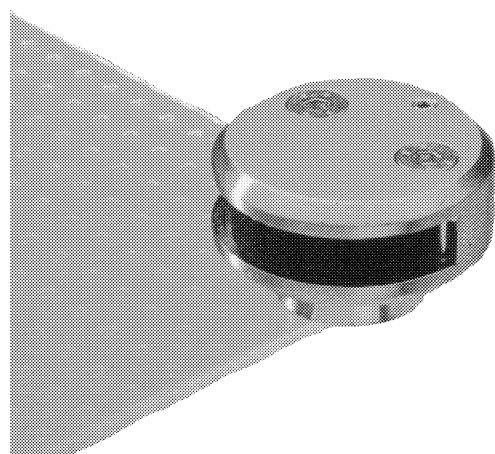
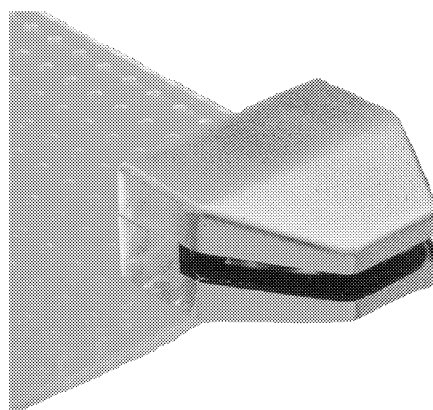
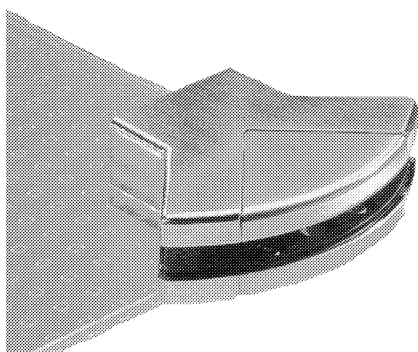




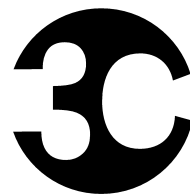
Services SA

**EXEMPLES DE PINCES A VERRE**

- demandez-nous conseil !

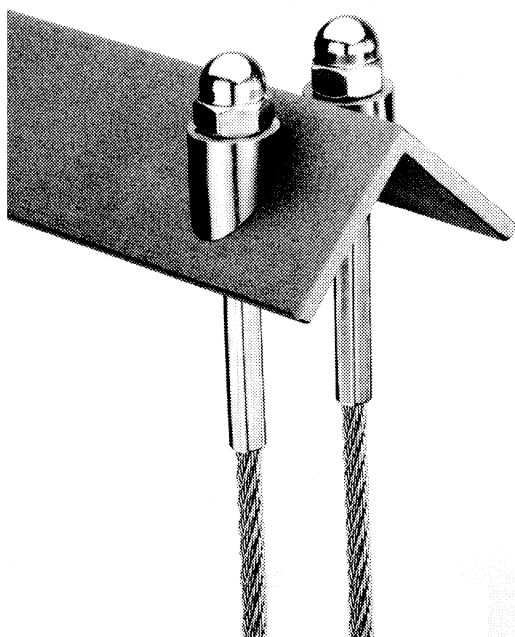
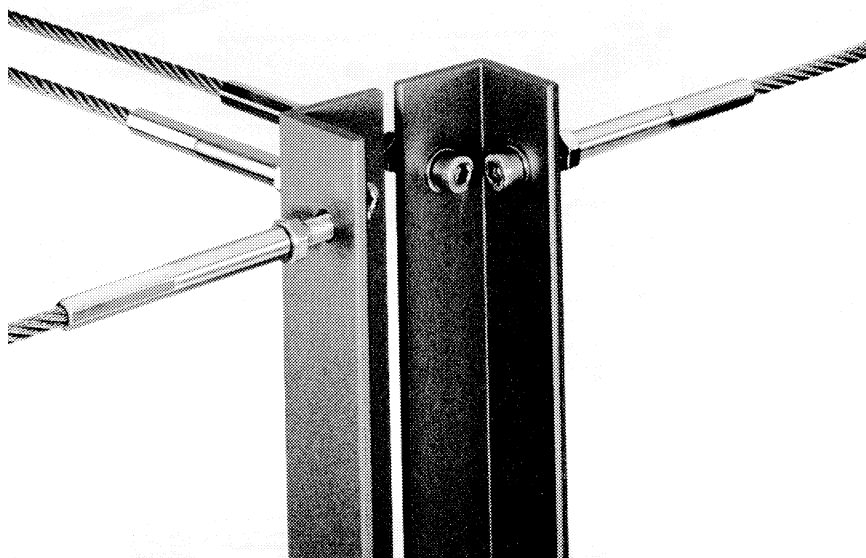
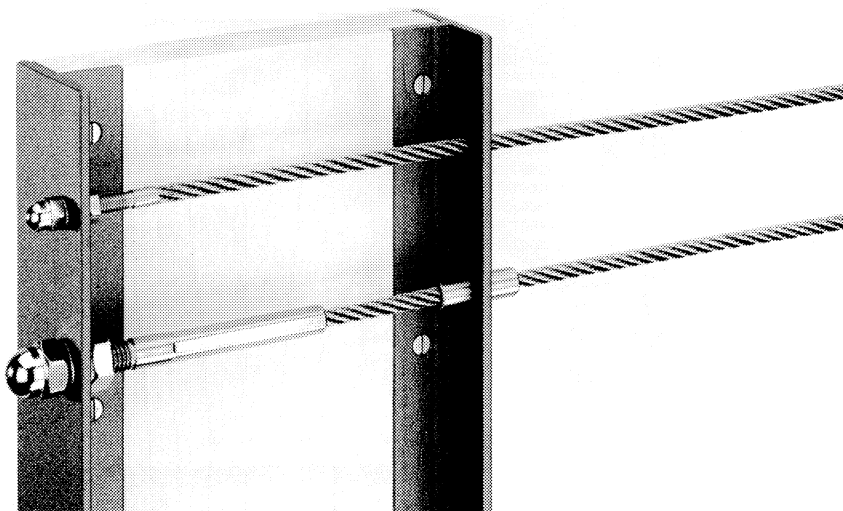


## EXEMPLES DE CÂBLES JACOB



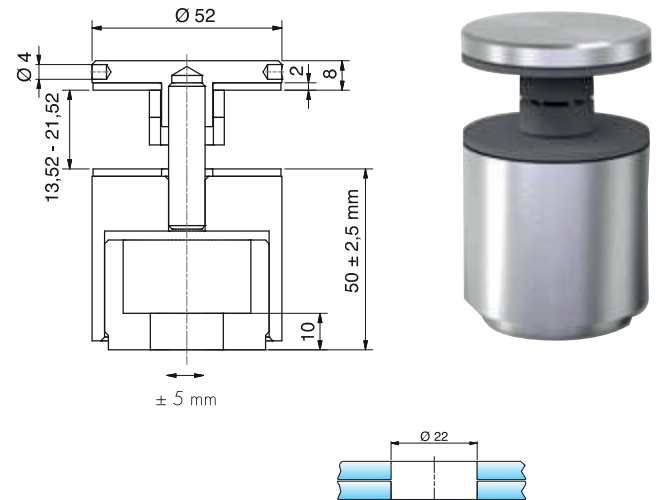
**Services SA**

- demandez-nous conseil !



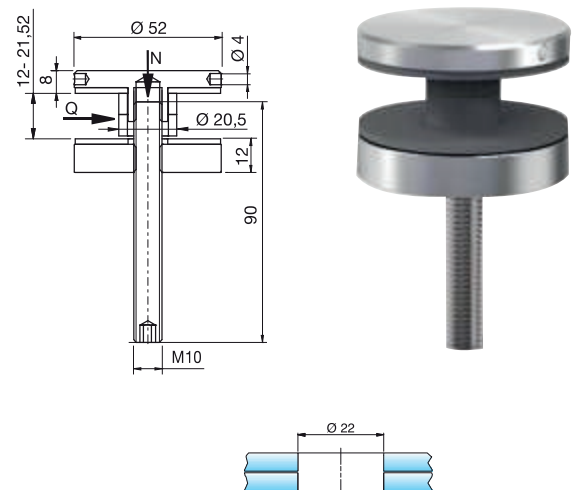
## 9.7068VA POINT DE FIXATION

- en inox V2A brossé mat
- pour ép.verre 13.52 – 21.52 mm
- conforme TRAV, tête plate
- réglable 3D : en saillie +/- 2.5 mm et  
en largeur-hauteur +/- 5 mm
- base avec trou oblong pour vis M10
- percement du verre Ø 22 mm



## 9.7072VA POINT DE FIXATION

- en inox V2A brossé mat
- pour ép.verre 12 - 21.52 mm
- conforme TRAV, tête plate
- avec tige filetée DIN 913 M10 x 90 mm
- résistance à la traction N max 6 kN
- force latérale Q max. 4 kN
- percement du verre Ø 22 mm



## 9.Z060 CLÉ DE SERRAGE

- pour point de fixation Ø 52 mm





### VENTOUSE ÉLECTROMAGNÉTIQUE À ENCASTRER POUR PORTAILS COULISSANTS

La S-MAG est la solution idéale pour le verrouillage des portails coulissants. Elle possède une force de rétention garantie de 250 kg et supporte des conditions météorologiques extrêmes. Les butées en caoutchouc empêchent la vibration l'endommagement de la porte et des accessoires lors de l'utilisation, le montage flexible de la contre-plaque assure une parfaite fermeture, même pour des portes qui ne sont pas parfaitement alignées.

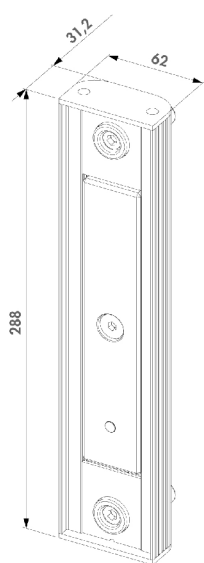
- Force de traction garantie testée sur chaque ventouse
- 500 heures résistant au brouillard salin! SGS certifié (ISO 9227)
- Protection unique anti-corrosion à deux couches
- Spécialement développée pour une utilisation en extérieur
- Avec système contre le magnétisme résiduel
- Force minimum: 2500N (250 kg)
- Consommation: 460mA / 12V ou 230mA / 24V

N° d'art.

Finition

9.847.0

Gris argent

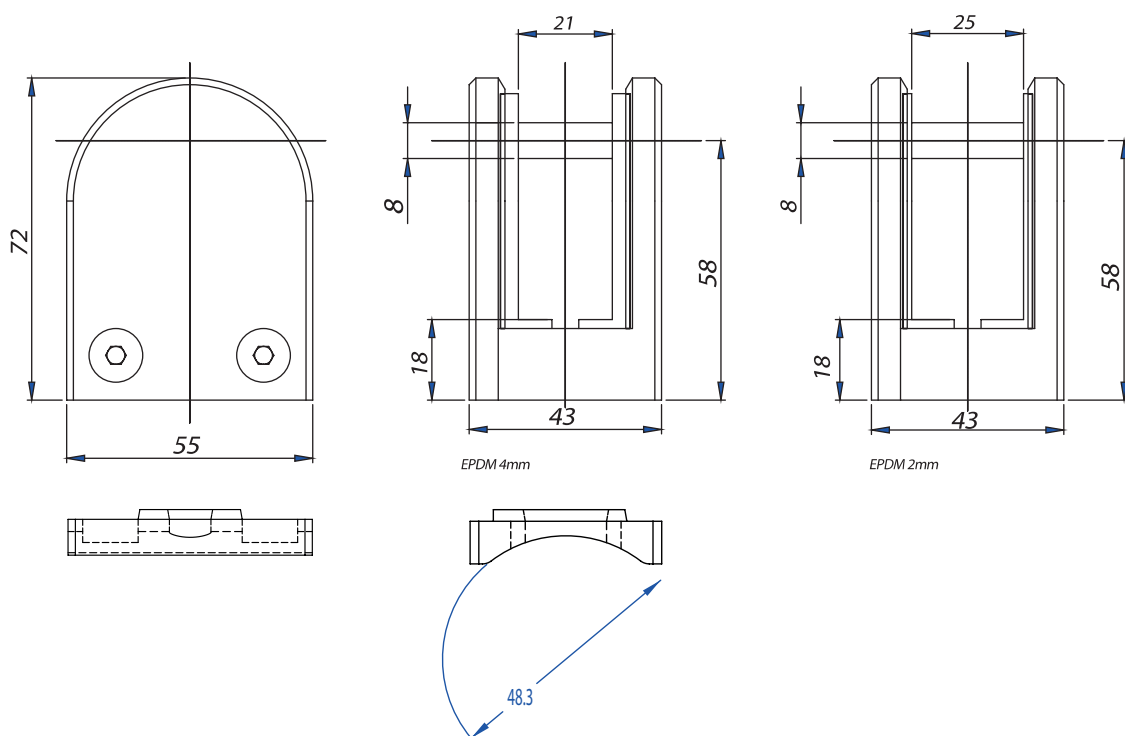
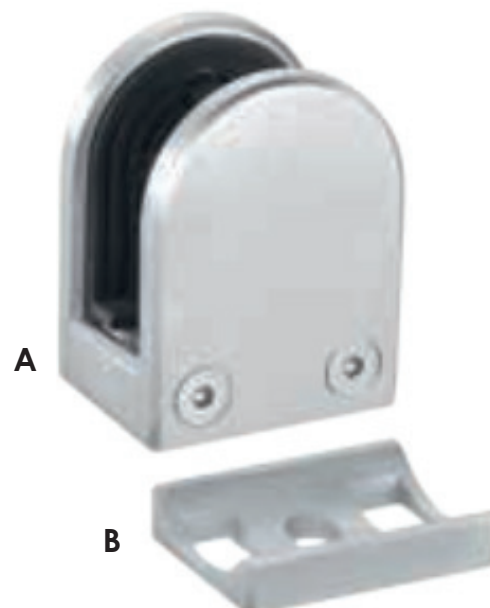


[Page internet](#)

## 9.87255. PINCE A VERRE ARRONDIE EN INOX V4A

- Montage plat ou tube Ø48,3 mm
- Acier inoxydable V4A brossé mat
- Pour épaisseur de verre **21,52 à 25,52 mm**
- Goupille de sécurité comprise
- Dimensions : 72 x 55 x 43 mm

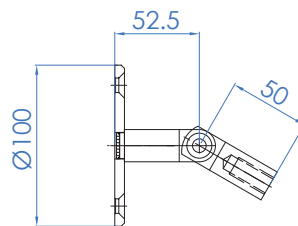
|          | N°3C         | Montage                                        |
|----------|--------------|------------------------------------------------|
| <b>A</b> | 9.87255.2126 | Montage plat                                   |
| <b>B</b> | 9.87255.483  | Adaptateur seul pour montage sur tube Ø48,3 mm |



## 9.961.00 SUPPORT MURAL ARTICULE SUPERIEUR

- En Inox V4A brossé mat
- Rosace avec 4 trous, Ø100 mm
- Filetage M12 à gauche

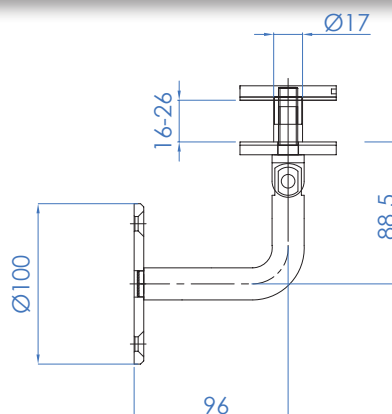
| N° 3C    | Emballage | Prix HT |
|----------|-----------|---------|
| 9.961.00 | pce       | 36.00   |



## 9.962.00 SUPPORT MURAL ARTICULE INFERIEUR

- En Inox V4A brossé mat
- Rosace avec 4 trous, Ø100 mm
- Verre 16-26 mm

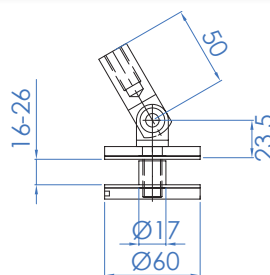
| N° 3C    | Emballage | Prix HT |
|----------|-----------|---------|
| 9.962.00 | pce       | 95.60   |



## 9.971.00 POINT DE FIXATION ARTICULE

- En Inox V4A brossé mat
- Filetage M12 à droite
- Verre 16-26 mm

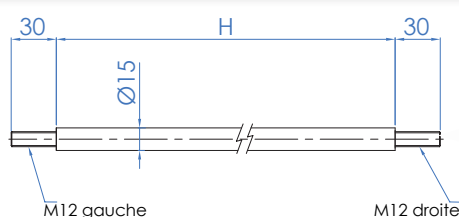
| N° 3C    | Emballage | Prix HT |
|----------|-----------|---------|
| 9.971.00 | pce       | 45.40   |



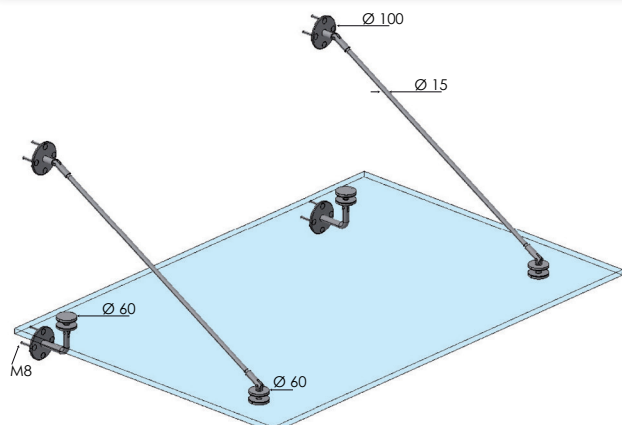
## 9.981.00 - 9.982.00 TIRANT FILETEE

- En Inox V4A brossé mat
- Ø15 mm filetage M12 à gauche / droite
- Longueur 775 mm ou 1350 mm

| N° 3C    | Emballage | Longueur | Prix HT |
|----------|-----------|----------|---------|
| 9.981.00 | pce       | 775 mm   | 28.40   |
| 9.982.00 | pce       | 1350 mm  | 39.90   |



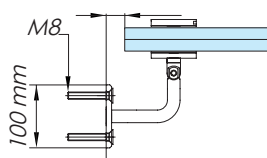
## SYSTEME DE MARQUISES RESULTATS ET INFORMATIONS IMPORTANTES



### Résultats des tests avec verres trempés et feuilletés

#### Caractéristiques des verres

| T                        | L           | W       |
|--------------------------|-------------|---------|
| 8 + 8 mm + 1,52 mm pvb   | max 2000 mm | 1000 mm |
| 10 + 10 mm + 1,52 mm pvb | max 2000 mm | 1000 mm |
| 12 + 12 mm + 1,52 mm pvb | max 2000 mm | 1000 mm |
| 10 + 10 mm + 1,52 mm pvb | max 2000 mm | 1500 mm |
| 12 + 12 mm + 1,52 mm pvb | max 2000 mm | 1500 mm |



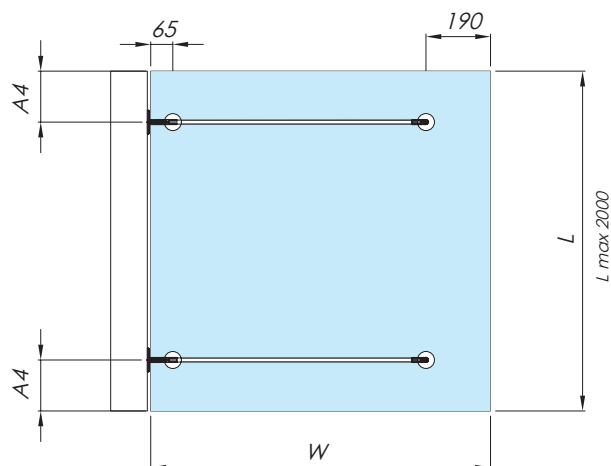
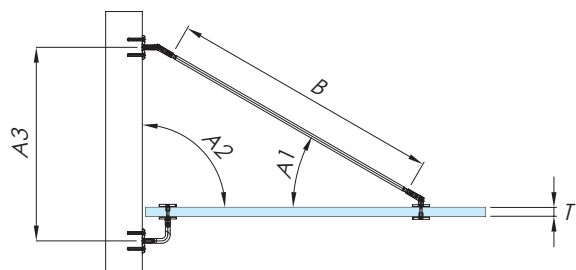
### Information importantes pour une installation correcte

#### Testés avec une profondeur W 1000 mm et une largeur L 2000 mm

| A1  | A2  | A3     | A4     | W       | B      |
|-----|-----|--------|--------|---------|--------|
| 30° | 90° | 570 mm | 150 mm | 1000 mm | 775 mm |
| 28° | 92° | 545 mm | 150 mm | 1000 mm | 775 mm |
| 26° | 94° | 520 mm | 150 mm | 1000 mm | 775 mm |
| 24° | 96° | 495 mm | 150 mm | 1000 mm | 775 mm |

#### Testés avec une profondeur W 1500 mm et une largeur L 2000 mm

| A1    | A2    | A3     | A4     | W       | B       |
|-------|-------|--------|--------|---------|---------|
| 30°   | 90°   | 860 mm | 300 mm | 1500 mm | 1350 mm |
| 28.5° | 91.5° | 825 mm | 300 mm | 1500 mm | 1350 mm |
| 27°   | 93°   | 790 mm | 300 mm | 1500 mm | 1350 mm |
| 25.5° | 94.5° | 755 mm | 300 mm | 1500 mm | 1350 mm |







LA DIFFÉRENCE SE MESURE PARFOIS  
DANS LES PLUS INFIMES DÉTAILS

*John Pawson, architecte designer*

WWW.3CSERVICES.CH

