



## Cardini

Hinges  
Torbänder  
Gonds  
Pernios  
Петли











A

# TUBOFIX

Cardine per montanti a sezione quadrata. Senza necessità di saldatura

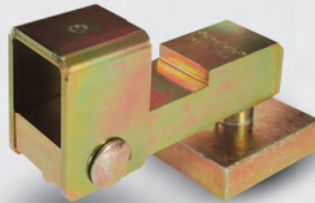
Hinge for square section pillars with no need of welding

**Dispositivo di imperniamento che consente il movimento dell'anta senza necessità di saldare il cardine al montante del cancello, ma attraverso un cavallotto che si adatta alle dimensioni del tubo.**

CR 30QP



P 40Q



The pivot system tool allows the movement of the door without welding the hinge to the gate but using a clevis that adapts to the pipe dimensions.



B

# PASCAL

PASCAL 1



PASCAL 2N



## Cardine PASCAL brevettato

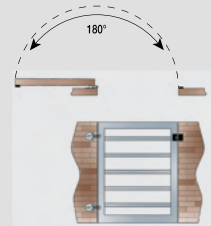
si propone come un innovativa soluzione per cancelli ad una o due ante o per porte industriali anche di grandi dimensioni.

## Patented PASCAL hinge

The patented PASCAL hinge is an innovative solution for single or 2 wings gates, or even for large industrial doors.

**Esempio di applicazione cardine Pascal dove è possibile notare l'apertura di 180°, dando così la possibilità di avere una luce netta di passaggio.**

Example of application hinge Pascal where it is possible to notice opening up to 180°, giving therefore the possibility to have one clean light of passage.



C



## Battente zincato fisso porta incontro per elettro-serratura e serratura manuale

Galvanized fixed keep for electro and manual lock











A



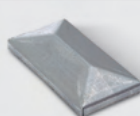
CAP TN



CAP QN



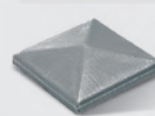
CAP RN



CAP RG/Z



CAP TG/Z



CAP G/Z



SF 60  
SF 76  
SF 102

B



CR 30Q  
CR 35Q  
CR 40Q  
CR 50Q



CR 30QP  
CR 35QP  
CR 40QP  
CR 50QP



PG 51S2  
PG 71S2



PG 50I2  
PG 70I2



PG 51S  
PG 71S  
PG 121S



PG 50I  
PG 70I  
PG 120I



132 P  
132 G



P 18  
P 20  
P 24  
P 28



P 35  
P 40



P 40Q  
P 50Q



C 18  
C 20  
C 24



CR 18  
CR 20  
CR 24



CR 18P  
CR 20P  
CR 24P



CL 16R  
CL 20R  
CL 24R



CL 16RA  
CL 20RA  
CL 24RA



C 18A  
C 20A  
C 24A



CR 18A  
CR 20A  
CR 24A



CR 18PA  
CR 20PA  
CR 24PA



C 30  
C 35  
C 40



CR 30  
CR 35  
CR 40



CR 30P  
CR 35P  
CR 40P



PR 18  
PR 20  
PR 24  
PR 30



T 30  
T 35  
T 40



T 30F  
T 35F  
T 40F



CR 40U Z



CR 40UP Z



CR 20 S40 Z



CR 20P S40 Z

C



CAVO 1  
CAVO 2  
CAVO 3



D



160



160 G



128/10  
128/20



129

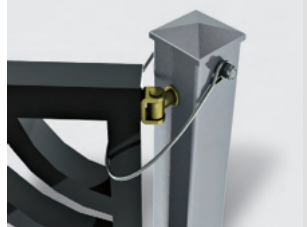


129 P





CAVO 1  
CAVO 2  
CAVO 3



CR 30Q  
CR 35Q  
CR 40Q  
CR 50Q



CR 30QP  
CR 35QP  
CR 40QP  
CR 50QP

PG 51S2  
PG 71S2

PG 5112  
PG 7112



PG 51S  
PG 71S  
PG 121S



PG 50I  
PG 70I  
PG 120I



CL 16R  
CL 20R  
CL 24R



132 P  
132 G



- P 18
- P 20
- P 24
- P 28



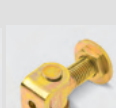
P 35  
P 40



P 40Q  
P 50Q



C 18  
C 20  
C 24



CR 18  
CR 20  
CR 24



CM 18  
CM 20  
CM 24



CR 18P  
CR 20P  
CR 24P



CR 18PA  
CR 20PA  
CR 24PA





C 18A  
C 20A  
C 24A



CR 18A  
CR 20A  
CR 24A



C 30  
C 35  
C 40



CR 30  
CR 35  
CR 40



CR 30P  
CR 35P  
CR 40P



CR 40U Z



CR 20 S40 Z



CL 16RA  
CL 20RA  
CL 24RA



CR 60



PR 18  
PR 20  
PR 24  
PR 30



T 30  
T 35  
T 40



T 30F  
T 35F  
T 40F



CR 40UP Z



CR 20P S40 Z

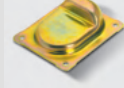
C



56



F 105



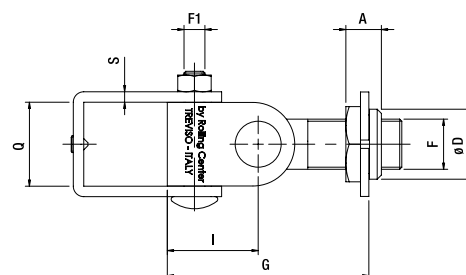
F 105 BP  
F 105 BG





## I TUBOFIX cardine per montanti a sezione quadra senza necessità di saldatura

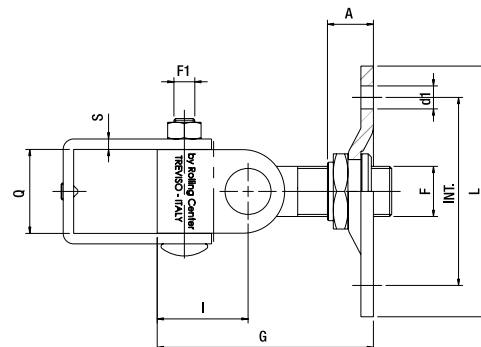
- UK TUBOFIX hinge for square section pillars with no need of welding
- D Tubofix Torband für Pfosten mit quadratischem Querschnitt. Kein Anschweißen nötig
- F Tubofix gond pour tubes cadre à section carrée sans nécessité de soudure
- E Tubofix bisagra para montantes con sección cuadrada sin necesidad de soldar
- RUS «Турбофикс» Петля квадратная для штанги бес сварки



| Articolo - Article      |             | D  | F   | F1  | G min/max | I    | S | A  | Q  |    |     |
|-------------------------|-------------|----|-----|-----|-----------|------|---|----|----|----|-----|
| Riferimento - Reference |             | Ø  | UNI |     | mm        |      |   |    |    |    | N°  |
| CR 30Q                  | CT 00 30 QR | 28 | M18 | M8  | 63 - 85   | 33   | 4 | 15 | 30 | 10 | 6,8 |
| CR 35Q                  | CT 00 35 QR | 28 | M20 | M8  | 67 - 91   | 36,5 | 4 | 15 | 35 | 4  | 3,3 |
| CR 40Q                  | CT 00 40 QR | 34 | M24 | M10 | 77 - 106  | 43,5 | 5 | 17 | 40 | 4  | 5,3 |
| CR 50Q                  | CT 00 50 QR | 34 | M24 | M12 | 82 - 111  | 48,5 | 6 | 17 | 50 | 4  | 7,0 |

## I TUBOFIX cardine con piastra per montanti a sezione quadra senza necessità di saldatura

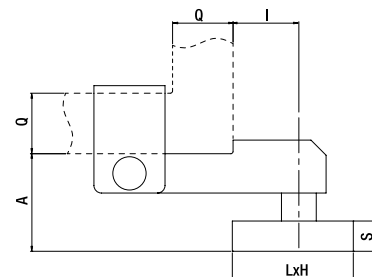
- UK Tubofix hinge with plate for square section pillars with no need of welding
- D Tubofix Torband mit Platte für Pfosten mit quadratischem Querschnitt. Kein anschweißen nötig
- F Tubofix gond avec plaque pour tubes cadre à section carrée sans nécessité de soudure
- E Tubofix bisagra con placa para montantes con sección cuadrada sin necesidad de soldar
- RUS «Турбофикс» Петля квадратная с пластиной для штанги бес сварки



| Articolo - Article      |             | d1 | F   | F1  | G min/max | I    | S | A  | Q  | INT   | L     |    |     |
|-------------------------|-------------|----|-----|-----|-----------|------|---|----|----|-------|-------|----|-----|
| Riferimento - Reference |             | Ø  | UNI |     | mm        |      |   |    |    |       | N°    |    |     |
| CR 30QP                 | CT 00 30 QP | 9  | M18 | M8  | 67 - 90   | 33   | 4 | 14 | 30 | 40x70 | 60x90 | 10 | 8,0 |
| CR 35QP                 | CT 00 35 QP | 11 | M20 | M8  | 77 - 97   | 36,5 | 4 | 20 | 35 | 70    | 100   | 4  | 4,9 |
| CR 40QP                 | CT 00 40 QP | 11 | M24 | M10 | 86 - 113  | 43,5 | 5 | 20 | 40 | 90    | 120   | 4  | 8,0 |
| CR 50QP                 | CT 00 50 QP | 11 | M24 | M12 | 91 - 118  | 48,5 | 6 | 20 | 50 | 90    | 120   | 4  | 9,6 |

## I Piastra e perno inferiore per tubo quadro

- UK Rotating plate for square section tubes with no need of welding
- D Untere Drehplatte für Vierkantröhr. Kein anschweißen nötig.
- F Plaque tournante pour tubes à section carrée sans nécessité de soudure
- E Punto de giro con placa para tubos con sección cuadrada sin necesidad de soldar
- RUS Петля и оса для квадратной трубки



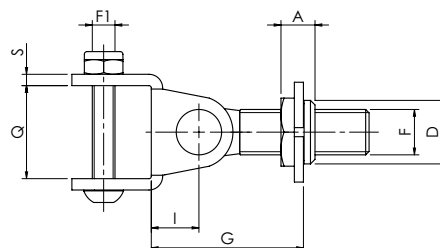
| Articolo - Article      |             | LxHxS    | Q  | I    | A    | Abbinabile Combining |    |      |
|-------------------------|-------------|----------|----|------|------|----------------------|----|------|
| Riferimento - Reference |             | mm       |    |      |      |                      | N° |      |
| P 40Q                   | CT 00 40 QI | 80x70x20 | 40 | 43,5 | 64,5 | CR40Q/CR40QP         | 4  | 10,7 |
| P 50Q                   | CT 00 50 QI | 80x70x20 | 50 | 48,5 | 69,5 | CR50Q/CR50QP         | 4  | 15   |



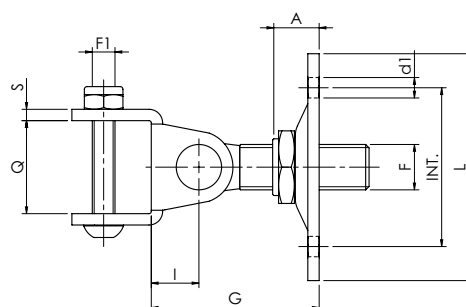


## I Cardine con cavallotto per tubo quadro, con dado registrabile o piastra registrabile

- UK Hinge with support for square tube, with adjustable nut or adjustable plate  
 D Torband mit u-Bügel für Vierkanrohr, mit Einstellbarer Mutter oder Einstellbarer Platte  
 F Gond avec support pour tube carré, avec écrou réglable ou plaque réglable  
 E Bisagra con soporte para tubo cuadrado, con tuerca o placa regulable  
 RUS Петля С Поддержкой Для Квадратной Трубки, С Регулируемой Гайкой Или Регулируемой Пластиной



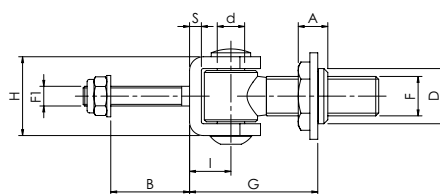
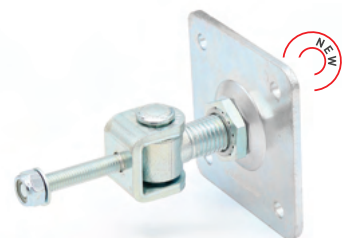
| Articolo - Article             | D  | F         | F1 | G min/max | I  | S  | A  | Q  |          |
|--------------------------------|----|-----------|----|-----------|----|----|----|----|----------|
| <b>Riferimento - Reference</b> | Ø  | UNI       |    |           |    |    | mm |    | N°       |
| CR 40U Z   CZ U0 20 R0         | 28 | M20   M10 |    | 50 - 90   | 21 | 15 | 5  | 40 | 10   6,1 |



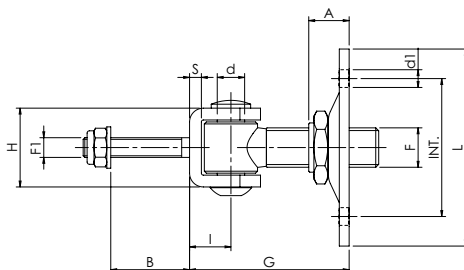
| Articolo - Article             | F         | F1 | G min/max | I  | A  | S | Q  | INT | L   | d1 |          |
|--------------------------------|-----------|----|-----------|----|----|---|----|-----|-----|----|----------|
| <b>Riferimento - Reference</b> | UNI       |    |           |    |    |   |    |     |     | Ø  | N°       |
| CR 40UP Z   CZ U0 20 RP        | M20   M10 |    | 60 - 90   | 21 | 20 | 5 | 40 | 70  | 100 | 11 | 10   6,1 |

## I Cardine con vite di fissaggio passante per tubo quadro, con dado registrabile o piastra registrabile

- UK Hinge with fixing screw traversing the square tube, with adjustable nut or adjustable plate  
 D Gond avec vis de fixation traversante le tube carré, avec écrou réglable ou plaque réglable  
 F Torband mit Durchgehender Befestigungsschraube für Vierkanrohr, mit Einstellmutter oder Einstellplatte  
 E Bisagra con tornillo fijador pasante para tubo cuadrado, con tuerca o placa regulable  
 RUS Петля С Фиксирующим Винтом По Квадратной Трубе, С Регулируемой Гайкой Или Регулируемой Пластиной



| Articolo - Article             | D  | d  | F         | F1 | G min/max | I  | A  | S | B  |          |
|--------------------------------|----|----|-----------|----|-----------|----|----|---|----|----------|
| <b>Riferimento - Reference</b> | Ø  |    | UNI       |    |           |    |    |   |    | N°       |
| CR 20 S40 Z   CZ S1 20 R0      | 28 | 14 | M20   M10 |    | 50 - 90   | 21 | 15 | 6 | 40 | 10   6,1 |



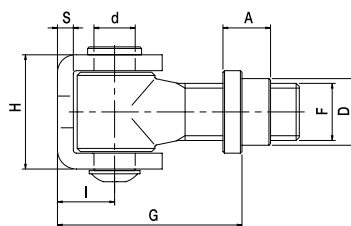
| Articolo - Article             | F         | F1 | G min/max | I  | A  | S | B  | INT | L   | d1 |          |
|--------------------------------|-----------|----|-----------|----|----|---|----|-----|-----|----|----------|
| <b>Riferimento - Reference</b> | UNI       |    |           |    |    |   |    |     |     | Ø  | N°       |
| CR 20P S40 Z   CZ S1 20 RP     | M20   M10 |    | 60 - 90   | 21 | 20 | 6 | 40 | 70  | 100 | 11 | 10   6,1 |





## I Cardine a saldare

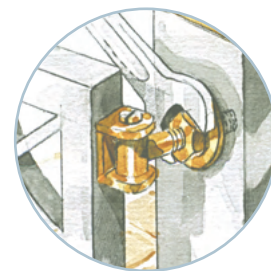
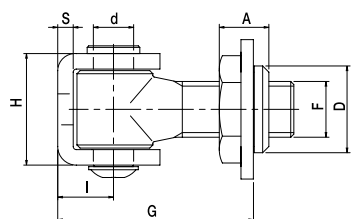
- UK Hinge to be welded
- D Anschweißband
- F Gond à souder
- E Pernio para soldar
- RUS Петля под сварку



| Articolo - Article      |             | D  | d  | F    | G min/max | I  | H  | S | A  |    |     |
|-------------------------|-------------|----|----|------|-----------|----|----|---|----|----|-----|
| Riferimento - Reference |             | Ø  |    | UNI  | mm        |    |    |   |    | N° | kg  |
| C 18                    | CT 00 18 S0 | 25 | 14 | M 18 | 45 ÷ 75   | 18 | 36 | 5 | 20 | 20 | 7,6 |
| C 20                    | CT 00 20 S0 | 25 | 14 | M 20 | 45 ÷ 80   | 21 | 40 | 6 | 20 | 20 | 9,3 |
| C 24                    | CT 00 24 S0 | 29 | 17 | M 24 | 55 ÷ 90   | 26 | 47 | 6 | 26 | 10 | 7,8 |

## I Cardine a saldare registrabile

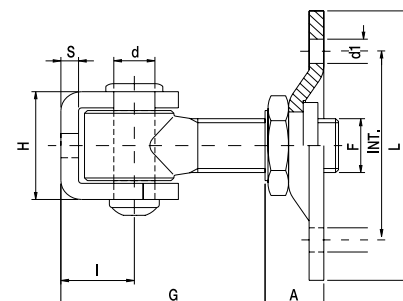
- UK Adjustable weld - on hinge
- D Einstellbares Anschweißband
- F Gond réglable à souder
- E Pernio para soldar regulable
- RUS Петля регулируемая под сварку



| Articolo - Article      |             | D  | d  | F    | G min/max | I  | H  | S | A  |    |     |
|-------------------------|-------------|----|----|------|-----------|----|----|---|----|----|-----|
| Riferimento - Reference |             | Ø  |    | UNI  | mm        |    |    |   |    | N° | kg  |
| CR 18                   | CT 00 18 R0 | 28 | 14 | M 18 | 50 ÷ 85   | 18 | 36 | 5 | 15 | 20 | 8   |
| CR 20                   | CT 00 20 R0 | 28 | 14 | M 20 | 50 ÷ 85   | 21 | 40 | 6 | 20 | 20 | 9,8 |
| CR 24                   | CT 00 24 R0 | 34 | 17 | M 24 | 60 ÷ 100  | 26 | 47 | 6 | 26 | 10 | 8,1 |

## I Cardine registrabile con piastra

- UK Adjustable hinge with plate
- D Einstellbares Torband mit Platte
- F Gond réglable avec plaque
- E Pernio regulable con placa
- RUS Петля регулируемая с пластиной



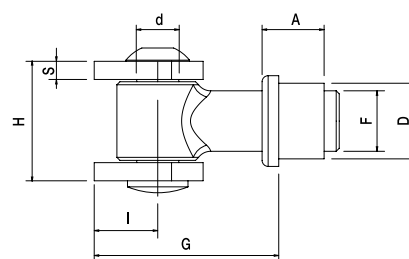
| Articolo - Article      |             | d  | F    | G min/max | I  | H  | S | A  | L     | d1 | INT.  |    |      |
|-------------------------|-------------|----|------|-----------|----|----|---|----|-------|----|-------|----|------|
| Riferimento - Reference |             | Ø  | UNI  | mm        |    |    |   |    | □     | Ø  | mm    | N° | kg   |
| CR 18P                  | CT 00 18 RP | 14 | M 18 | 40 ÷ 75   | 18 | 36 | 5 | 17 | 60X90 | 9  | 40X70 | 10 | 5,2  |
| CR 20P                  | CT 00 20 RP | 14 | M 20 | 40 ÷ 75   | 21 | 40 | 6 | 20 | 100   | 9  | 70    | 10 | 8,4  |
| CR 24P                  | CT 00 24 RP | 17 | M 24 | 52 ÷ 90   | 26 | 47 | 6 | 20 | 120   | 11 | 90    | 10 | 14,1 |





## I Cardine a saldare con ali

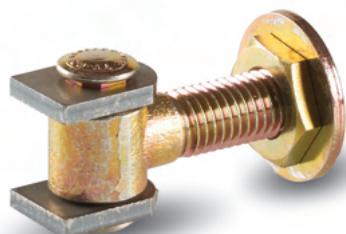
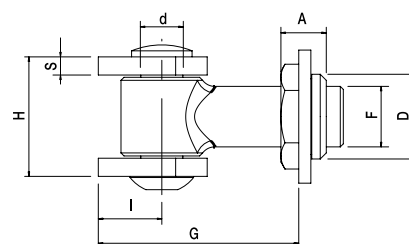
- UK Hinge with wings to be welded
- D Flügelscharnier zum Anschweißen
- F Gong à souder avec ailes
- E Pernio para soldar con alas
- RUS Петля для сварки с крылышками



| Articolo - Article      |             | D  | d  | F    | G min/max | I  | H  | S | A  |    |     |
|-------------------------|-------------|----|----|------|-----------|----|----|---|----|----|-----|
| Riferimento - Reference |             |    | Ø  | UNI  | mm        |    |    |   |    | N° |     |
| C 18A                   | CT A0 18 S0 | 25 | 14 | M 18 | 45 ÷ 75   | 18 | 36 | 5 | 20 | 20 | 7,2 |
| C 20A                   | CT A0 20 S0 | 25 | 14 | M 20 | 45 ÷ 80   | 21 | 40 | 6 | 20 | 20 | 8,8 |
| C 24A                   | CT A0 24 S0 | 29 | 17 | M 24 | 55 ÷ 90   | 26 | 47 | 6 | 26 | 10 | 7,3 |

## I Cardine a saldare registrabile con ali

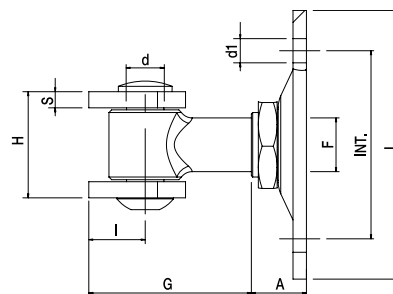
- UK Adjustable hinge with wings
- D Einstellbares Flügelscharnier
- F Gong à souder à régler avec ailes
- E Pernio ajustable con alas para soldar
- RUS Петля для сварки регулируемая с крылышками



| Articolo - Article      |             | D  | d  | F    | G min/max | I  | H  | S | A  |    |     |
|-------------------------|-------------|----|----|------|-----------|----|----|---|----|----|-----|
| Riferimento - Reference |             |    | Ø  | UNI  | mm        |    |    |   |    | N° |     |
| CR 18A                  | CT A0 18 R0 | 28 | 14 | M 18 | 50 ÷ 85   | 18 | 36 | 5 | 15 | 20 | 7,6 |
| CR 20A                  | CT A0 20 R0 | 28 | 14 | M 20 | 50 ÷ 85   | 21 | 40 | 6 | 20 | 20 | 9,2 |
| CR 24A                  | CT A0 24 R0 | 34 | 17 | M 24 | 60 ÷ 100  | 26 | 47 | 6 | 26 | 10 | 7,6 |

## I Cardine registrabile con piastra con ali

- UK Adjustable hinge with plate and wings
- D Einstellbares Flügelscharnier mit Platte
- F Gong à régler avec plaque et ailes
- E Pernio ajustable con soporte y alas
- RUS Петля регулируемая с пластиной с крылышками

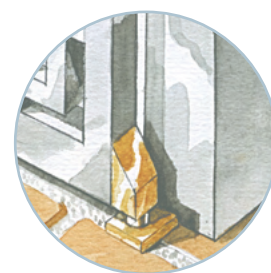
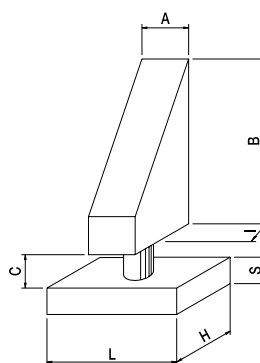


| Articolo - Article      |             | d  | F    | G min/max | I  | H  | S | A  | L     | d1 | INT.  |    |      |
|-------------------------|-------------|----|------|-----------|----|----|---|----|-------|----|-------|----|------|
| Riferimento - Reference |             | Ø  | UNI  | mm        |    |    |   |    |       | Ø  | mm    | N° |      |
| CR 18PA                 | CT A0 18 RP | 14 | M 18 | 40 ÷ 75   | 18 | 36 | 5 | 17 | 60X90 | 9  | 40X70 | 10 | 5    |
| CR 20PA                 | CT A0 20 RP | 14 | M 20 | 45 ÷ 75   | 21 | 40 | 6 | 20 | 100   | 9  | 70    | 10 | 8,1  |
| CR 24PA                 | CT A0 24 RP | 17 | M 24 | 52 ÷ 90   | 26 | 47 | 6 | 20 | 120   | 11 | 90    | 10 | 13,6 |



## I Piastra e perno per cancelli ad ante

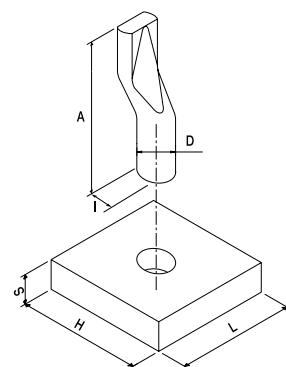
- UK Gate plate and pin
- D Bodenplatte mit Zapfen
- F Plaque et pivot pour portail à battants
- E Placa y gaze para cancelas
- RUS Ось поворотная под сварку для петель



| Articolo - Article      |             | L x H x S    | A  | B  | C  | I  | Abbinabile<br>Combinable |    |       |
|-------------------------|-------------|--------------|----|----|----|----|--------------------------|----|-------|
| Riferimento - Reference |             | mm           |    |    |    |    |                          | N° |       |
| P 18                    | CT 00 18 P0 | 55 x 50 x 12 | 25 | 57 | 13 | 18 | Cardini / Hinges M18     | 20 | 9,56  |
| P 20                    | CT 00 20 P1 | 60 x 50 x 12 | 30 | 64 | 13 | 21 | Cardini / Hinges M20     | 20 | 12,28 |
| P 24                    | CT 00 20 P0 | 70 x 60 x 15 | 30 | 80 | 13 | 26 | Cardini / Hinges M24     | 20 | 20,2  |
| P 28                    | CT 00 24 P0 | 80 x 70 x 20 | 35 | 95 | 18 | 29 | -                        | 10 | 17,1  |

## I Piastra e perno inferiore leggero

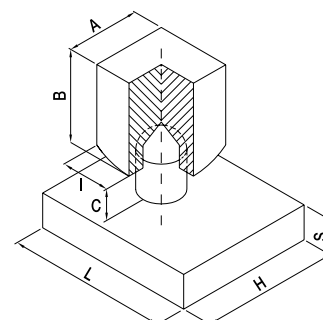
- UK Lower plate and pin
- D Platte mit Zapfen
- F Plaque et pivot inférieur
- E Placa y pernio inferior
- RUS Петля нижняя опорная поворотная



| Articolo - Article      |             | A  | L x H x S    | D  | I  |    |     |
|-------------------------|-------------|----|--------------|----|----|----|-----|
| Riferimento - Reference |             | mm |              |    |    | N° |     |
| 132 P                   | CT 63 60 20 | 89 | 60 x 70 x 15 | 20 | 18 | 10 | 6,2 |
| 132 G                   | CT 63 60 24 | 96 | 60 x 70 x 20 | 24 | 26 | 10 | 8,6 |

## I Piastra e perno inferiore pesante

- UK Lower plate and pin
- D Platte mit Zapfen
- F Plaque et pivot inférieur
- E Placa y pernio inferior
- RUS Петля нижняя опорная поворотная



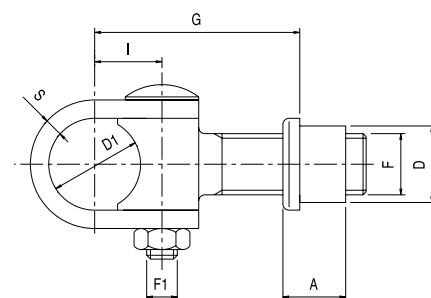
| Articolo - Article      |             | L x H x S    | A  | B  | C  | I  |  |                                                                                       |
|-------------------------|-------------|--------------|----|----|----|----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Riferimento - Reference |             | mm           |    |    |    |    | N°                                                                                    |  |
| P 35                    | CT 70 60 01 | 70 x 60 x 15 | 35 | 40 | 12 | 18 | 20                                                                                    | 18,3                                                                                  |
| P 40                    | CT 80 70 01 | 80 x 70 x 20 | 40 | 40 | 17 | 21 | 10                                                                                    | 14,3                                                                                  |





## I Cardine a saldare serie ferro battuto

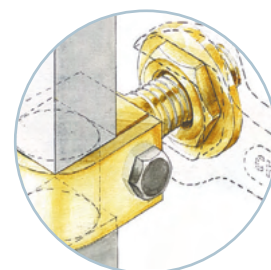
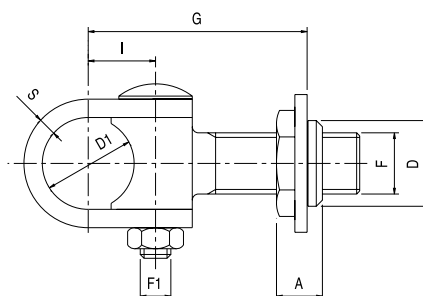
- UK Hinge to be welded wrought iron range  
D Anschweißband Schmiedeiserne Tore  
F Gond à souder série fer forgé  
E Pernio para soldar seire hierro forjado  
RUS Петля под сварку



| Articolo - Article      |             | D  | D1 | F    | F1   | G min/max | I  | S | A    |    |      |
|-------------------------|-------------|----|----|------|------|-----------|----|---|------|----|------|
| Riferimento - Reference |             | Ø  |    | UNI  |      | mm        |    |   |      | N° | kg   |
| C 30                    | CT 00 30 CO | 25 | 30 | M 20 | M 10 | 44 - 68   | 22 | 6 | 20,5 | 20 | 10,1 |
| C 35                    | CT 00 35 CO | 29 | 35 | M 24 | M 10 | 50 - 74   | 26 | 6 | 26,5 | 10 | 7,3  |
| C 40                    | CT 00 40 CO | 36 | 40 | M 30 | M12  | 70 - 110  | 34 | 6 | 24   | 10 | 12,3 |

## I Cardine a saldare registrabile serie ferro battuto

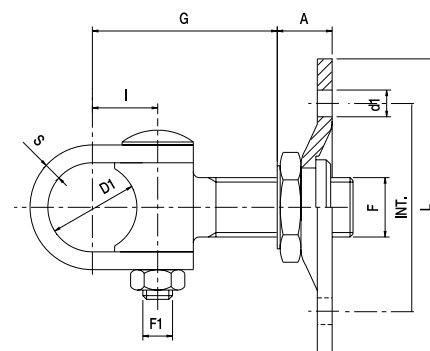
- UK Adjustable hinge to be welded wrought iron range  
D Einstellbares Anschweißband Schmiedeiserne Tore  
F Gond réglable à souder série fer forgé  
E Pernio regulable para soldar seire hierro forjado  
RUS Петля регулируемая под сварку



| Articolo - Article      |             | D  | D1 | F    | F1   | G min/max | I  | S | A  |    |      |
|-------------------------|-------------|----|----|------|------|-----------|----|---|----|----|------|
| Riferimento - Reference |             | Ø  |    | UNI  |      | mm        |    |   |    | N° | kg   |
| CR 30                   | CT 00 30 CR | 28 | 30 | M 20 | M 10 | 50 - 78   | 22 | 6 | 15 | 20 | 10,7 |
| CR 35                   | CT 00 35 CR | 34 | 35 | M 24 | M 10 | 57 - 88   | 26 | 6 | 17 | 10 | 7,7  |
| CR 40                   | CT 00 40 CR | 43 | 40 | M 30 | M12  | 70 - 110  | 34 | 6 | 24 | 10 | 13,6 |

## I Cardine registrabile con piastra serie ferro battuto

- UK Adjustable hinge with plate wrought iron range  
D Einstellbares Torband mit Platte Schmiedeiserne Tore  
F Gond réglable avec plaque série fer forgé  
E Pernio regulable con placa seire hierro forjado  
RUS Петля регулируемая с пластиной

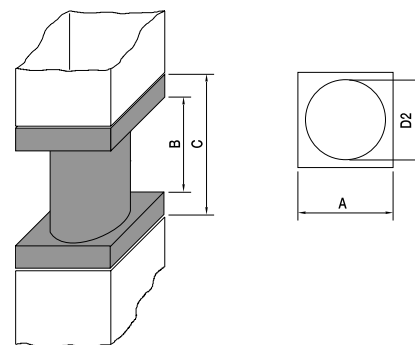


| Articolo - Article      |             | L   | D1 | F    | F1   | G min/max | I  | S | A  | d1 | INT. |    |      |
|-------------------------|-------------|-----|----|------|------|-----------|----|---|----|----|------|----|------|
| Riferimento - Reference |             | □   | Ø  | UNI  |      | mm        |    |   |    | Ø  | mm   | N° | kg   |
| CR 30P                  | CT 00 30 CP | 100 | 30 | M 20 | M 10 | 39 - 63   | 22 | 6 | 20 | 9  | 70   | 10 | 8,9  |
| CR 35P                  | CT 00 35 CP | 120 | 35 | M 24 | M 10 | 45 - 74   | 26 | 6 | 20 | 11 | 90   | 8  | 11,1 |
| CR 40P                  | CT 00 40 CP | 120 | 40 | M 30 | M 12 | 70 - 110  | 34 | 6 | 25 | 11 | 90   | 8  | 11,1 |



## I Tronchetto di giunzione montante cancello

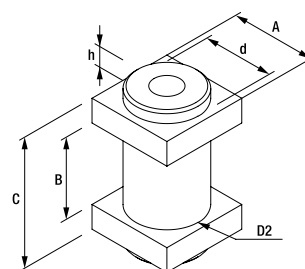
- UK Upright gate joint element
- D Verbindungsstück
- F Axe bout de jonction pour montant de portail
- E Eje de giro del montante de la cancel
- RUS Пластина регулируемая для петли фигурная



| Articolo - Article      |             | D2   | A  | B  | C  |    |     |
|-------------------------|-------------|------|----|----|----|----|-----|
| Riferimento - Reference |             | Ø    | mm |    |    | N° | kg  |
| T 30                    | CT 00 30 TO | 28,5 | 35 | 35 | 55 | 20 | 7,5 |
| T 35                    | CT 00 35 TO | 33,5 | 40 | 40 | 60 | 10 | 5,3 |
| T 40                    | CT 00 40 TO | 38,5 | 50 | 45 | 65 | 10 | 8,1 |

## I Tronchetto di giunzione con foro

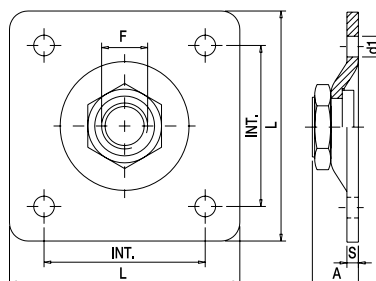
- UK Upright gate joint element with hole
- D Verbindungsstück mit Bohrung
- F Axe de jonction avec trou
- E Soporte guía con agujero
- RUS Соединительный патрубок с отверстием



| Articolo - Article      |             | d  | D2   | A  | B  | C  | h  |    |     |
|-------------------------|-------------|----|------|----|----|----|----|----|-----|
| Riferimento - Reference |             | Ø  |      | mm |    |    | mm | N° | kg  |
| T 30F                   | CT 00 30 63 | 29 | 28,5 | 35 | 33 | 53 | 5  | 20 | 8   |
| T 35F                   | CT 00 35 68 | 34 | 33,5 | 40 | 38 | 58 | 5  | 10 | 5,3 |
| T 40F                   | CT 00 40 73 | 44 | 38,5 | 50 | 43 | 63 | 5  | 10 | 7,7 |

## I Piastra regolabile per cardine

- UK Adjustable hinge plate
- D Einstellbare Flanschplatte
- F Plaque réglable pour gond
- E Placa regulable para pernio
- RUS Петля нижняя опорная под сварку



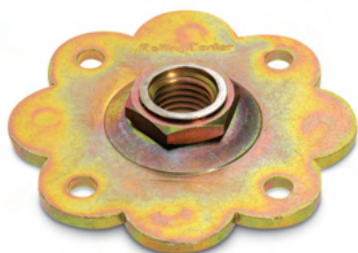
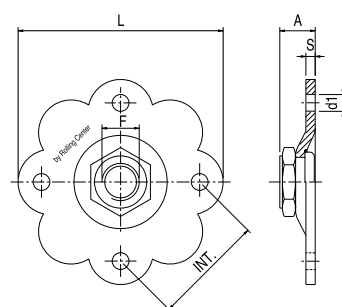
| Articolo - Article      |             | L     | F    | S | A  | INT.  | d1 |    |     |
|-------------------------|-------------|-------|------|---|----|-------|----|----|-----|
| Riferimento - Reference |             | □     | UNI  |   | mm |       | Ø  | N° | kg  |
| PR 16                   | PT 00 16 R0 | 60x90 | M 16 | 4 | 14 | 40x70 | 9  | 20 | 5   |
| PR 18                   | PT 00 18 R0 | 60x90 | M 18 | 4 | 14 | 40x70 | 9  | 20 | 5   |
| PR 20                   | PT 00 20 R0 | 100   | M 20 | 5 | 19 | 70    | 9  | 20 | 8,7 |
| PR 24                   | PT 00 24 R0 | 120   | M 24 | 6 | 20 | 90    | 11 | 10 | 7,1 |
| PR 30                   | PT 00 30 R0 | 120   | M 30 | 6 | 25 | 90    | 11 | 10 | 7,7 |





## I Piastra a fiore registrabile per cardine serie ferro battuto

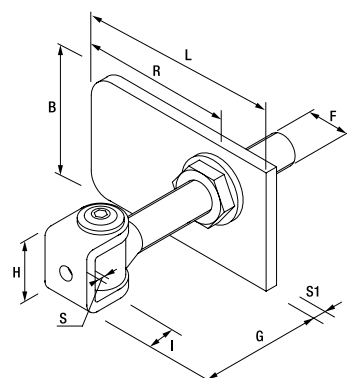
- UK Adjustable flower plate for hinge wrought iron range  
D Regelbar - Blumenplatte Anschweisband Schmiedeiserne Tore  
F Plaque fleur réglable pour gond série fer forgé  
E Placa regulable flor para pernio serie hierro forjado  
RUS Пластина регулируемая для петли



| Articolo - Article      |             | L   | F    | S  | A  | INT. | d1 |    |     |
|-------------------------|-------------|-----|------|----|----|------|----|----|-----|
| Riferimento - Reference |             | □   | UNI  | mm |    |      | ∅  | N° | kg  |
| PR 18F                  | PT 00 18 R1 | 110 | M 18 | 5  | 19 | 60   | 9  | 20 | 7,5 |
| PR 20F                  | PT 00 20 R1 | 110 | M 20 | 5  | 19 | 60   | 9  | 20 | 7,5 |
| PR 24F                  | PT 00 24 R1 | 130 | M 24 | 6  | 20 | 65   | 11 | 10 | 6   |

## I Cardine con cavallotto e piastra doppia regolazione 180°

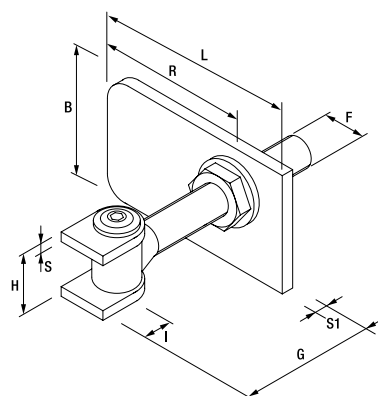
- UK Hinge with weldable collar and plate with double regulation 180°  
D Anschweisband mit Klemme und Platte mit doppelter Einstellung 180°  
F Gond et plaque à double réglage à 180°  
E Pernio con abarcón (abrazaderas o tornillos a U) y plancha de doble regulación 180°  
RUS Петля с зажим и пластина с двойной регулировки



| Articolo - Article      |             | F    | G min/max | I  | H  | R min/max | L  | B  | S | S1 |  |    |                                                                                       |
|-------------------------|-------------|------|-----------|----|----|-----------|----|----|---|----|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|
| Riferimento - Reference |             | UNI  | mm        |    |    |           |    |    |   |    |                                                                                       | N° |  |
| CL16R                   | CT 00 16 2R | M 16 | 60 - 118  | 26 | 47 | 47 - 62   | 80 | 50 | 6 | 6  | 10                                                                                    | 7  |                                                                                       |
| CL20R                   | CT 00 20 2R | M 20 | 65 - 165  | 26 | 47 | 60 - 80   | 80 | 50 | 6 | 8  | 10                                                                                    | 10 |                                                                                       |
| CL24R                   | CT 00 24 2R | M 24 | 85 - 185  | 26 | 47 | 75 - 95   | 80 | 50 | 6 | 10 | 10                                                                                    | 18 |                                                                                       |

## I Cardine con ali e piastra doppia regolazione 180°

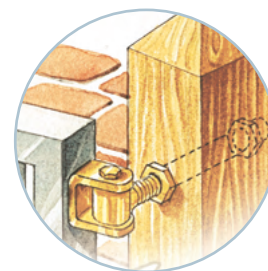
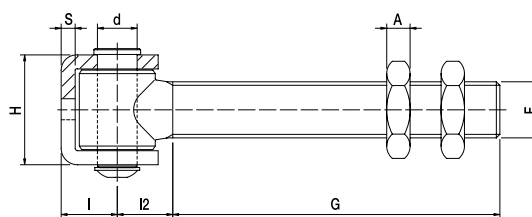
- UK Hinge with wings and plate with double regulation 180°  
D Anschweisband mit Flügeln und Platte mit doppelter Einstellung 180°  
F Gond avec des côtés et plaque à double réglage à 180°  
E Pernio con ala y plancha de doble regulación 180°  
RUS Петля с крыльями и двойной регулировки



| Articolo - Article      |             | F    | G min/max | I  | H  | R min/max | L  | B  | S | S1 |  |    |                                                                                       |
|-------------------------|-------------|------|-----------|----|----|-----------|----|----|---|----|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|
| Riferimento - Reference |             | UNI  | mm        |    |    |           |    |    |   |    |                                                                                       | N° |  |
| CL16RA                  | CT A0 16 2R | M 16 | 60 - 118  | 21 | 40 | 47 - 62   | 80 | 50 | 5 | 6  | 10                                                                                    | 7  |                                                                                       |
| CL20RA                  | CT A0 20 2R | M 20 | 65 - 165  | 26 | 47 | 60 - 80   | 80 | 50 | 6 | 8  | 10                                                                                    | 10 |                                                                                       |
| CL24RA                  | CT A0 24 2R | M 24 | 85 - 185  | 26 | 47 | 75 - 95   | 80 | 50 | 6 | 10 | 10                                                                                    | 18 |                                                                                       |

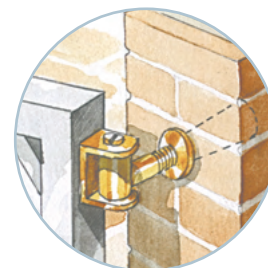
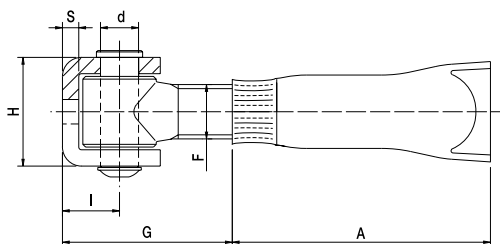


- I Cardine con barra lunga**  
**UK** Hinge with longer bar  
**D** Anschweißband mit Gewinde - Bolzen  
**F** Gond avec barre plus longue  
**E** Pernio con barra lunga  
**RUS** Петля с длинным винтовым креплением



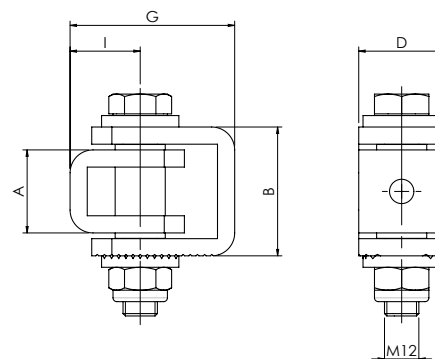
| Articolo - Article      |             | d  | F    | G   | I  | I2 | H  | S | A  |    |     |
|-------------------------|-------------|----|------|-----|----|----|----|---|----|----|-----|
| Riferimento - Reference |             | Ø  | UNI  | mm  |    |    |    |   |    | N° | kg  |
| CL 16                   | CT 00 16 LO | 14 | M 16 | 92  | 21 | 18 | 40 | 6 | 8  | 10 | 4,0 |
| CL 20                   | CT 00 20 LO | 14 | M 20 | 143 | 21 | 22 | 40 | 6 | 9  | 10 | 6,4 |
| CL 24                   | CT 00 24 LO | 17 | M 24 | 141 | 26 | 24 | 47 | 6 | 10 | 10 | 9,9 |

- I Cardine a muro**  
**UK** Wall - hinge  
**D** Anschweißband mit Mauerhülse  
**F** Gond mural  
**E** Pernio para empotrar  
**RUS** Петля в стену



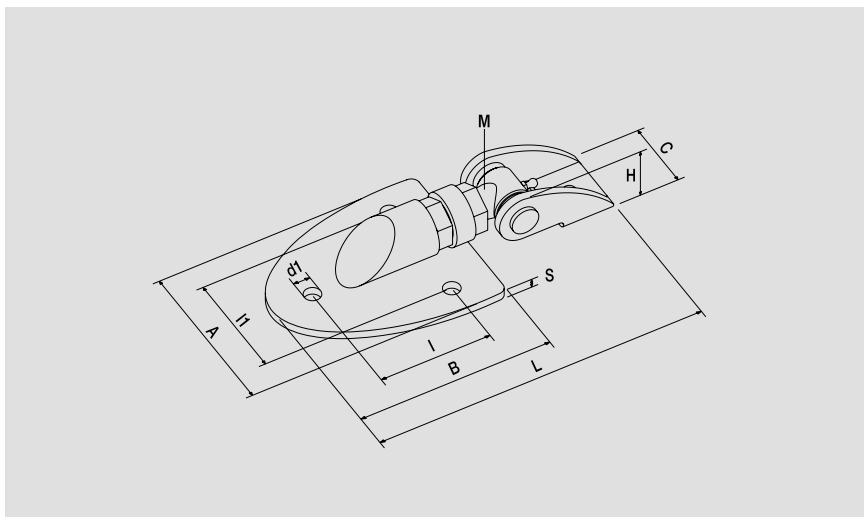
| Articolo - Article      |             | D                                                                                   | F    | G min/max | I  | H  | S | A   |  |                                                                                       |
|-------------------------|-------------|-------------------------------------------------------------------------------------|------|-----------|----|----|---|-----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Riferimento - Reference |             |  | UNI  | mm        |    |    |   |     | N°                                                                                    |  |
| CM 18                   | CT 00 18 MO | 14                                                                                  | M 18 | 40 - 60   | 18 | 36 | 5 | 66  | 20                                                                                    | 8,5                                                                                   |
| CM 20                   | CT 00 20 MO | 14                                                                                  | M 20 | 46 - 70   | 21 | 39 | 6 | 95  | 20                                                                                    | 9,5                                                                                   |
| CM 24                   | CT 00 24 MO | 17                                                                                  | M 24 | 52 - 76   | 26 | 47 | 6 | 100 | 10                                                                                    | 8,1                                                                                   |

- I Cardine a cavallotto regolabile**  
**UK** Adjustable staple hinge  
**D** Regelbar. Halter - Anschweißband  
**F** Charnière gond réglable avec étrier  
**E** Pernio con caballete regulable  
**RUS** Петля шарнирная регулируемая со скобой



| Articolo - Article      |             | A  | B  | G       | I    | D  |  |     |                                                                                       |
|-------------------------|-------------|----|----|---------|------|----|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|
| Riferimento - Reference |             | mm |    |         |      |    |                                                                                       | N°  |  |
| 131 P                   | CZ 30 45 P0 | 29 | 45 | 53 - 62 | 24,5 | 30 | 10                                                                                    | 4,1 |                                                                                       |
| 131 G                   | CZ 45 60 G0 | 43 | 60 | 51 - 63 | 25   | 35 | 10                                                                                    | 5,6 |                                                                                       |





## PASCAL by Alberto Pasquale

Cardine di facile installazione e brevettato

| Articolo - Article      |             | A   | B   | C    | d1 | I  | I1 | M  | H  | L       | S | Descrizione<br>Description | N° |     |
|-------------------------|-------------|-----|-----|------|----|----|----|----|----|---------|---|----------------------------|----|-----|
| Riferimento - Reference |             | mm  |     |      |    |    |    |    |    |         |   |                            |    |     |
| PASCAL 1                | CT PA 20 R1 | 120 | 140 | 46,5 | 12 | 80 | 80 | 20 | 40 | 235/247 | 5 | Tropicalizzato             | 6  | 8,5 |
| PASCAL 1N               | CN PA 20 R1 | 120 | 140 | 46,5 | 12 | 80 | 80 | 20 | 40 | 235/247 | 5 | Verniciato nero            | 6  | 8,5 |

### Cardine Pascal 2, brevettato

Hinge Pascal 2, pat pending

Anschweißband Pascal 2, registriert

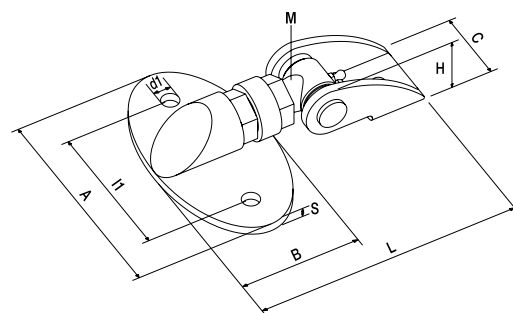
Gond Pascal 2, breveté

Pernio Pascal 2, registrado

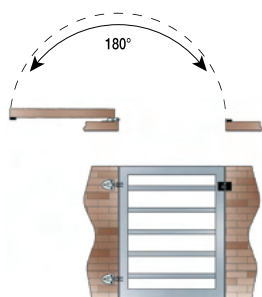
Петля Паскаля 2, запатентовано



by Alberto Pasquale



| Articolo - Article      |             | A   | B  | C    | d1 | I   | I1 | M  | H       | L | S | Descrizione<br>Description | N° |     |
|-------------------------|-------------|-----|----|------|----|-----|----|----|---------|---|---|----------------------------|----|-----|
| Riferimento - Reference |             | mm  |    |      |    |     |    |    |         |   |   |                            |    |     |
| PASCAL 2                | CT PA 20 R2 | 150 | 80 | 46,5 | 12 | 100 | 20 | 40 | 178/190 | 5 |   | Tropicalizzato             | 6  | 7,3 |
| PASCAL 2N               | CN PA 20 R2 | 150 | 80 | 46,5 | 12 | 100 | 20 | 40 | 178/190 | 5 |   | Verniciato nero            | 6  | 7,3 |



Esempio di applicazione cardine PASCAL dove è possibile notare l'apertura di 180°, dando così la possibilità di avere una luce netta di passaggio

Example of application hinge PASCAL where it is possible to notice opening up to 180°, giving therefore the possibility to have one clean light of passage

Beispiel der Anwendung des Scharniers PASCAL, wo es möglich ist, die Öffnung bis 180° hinaus zu beachten, mit der Möglichkeit, ein sauberes Licht-Durchgang zu haben

Exemple d'application de charnière Pascal où il est possible de noter l'ouverture à 180°, donnant donc la possibilité d'avoir un passage net

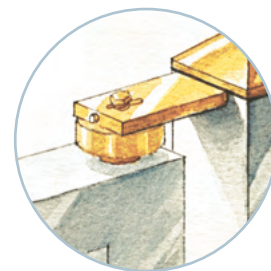
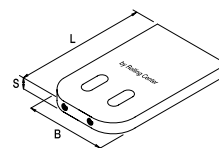
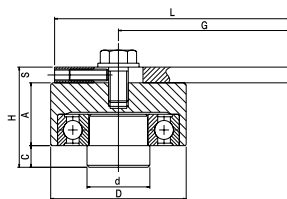
Ejemplo del uso de la bisagra PASCAL donde está posible notar la apertura de 180°, dando por lo tanto la posibilidad para tener una luz limpia de paso

Пример использования петли Паскаля с возможностью открытия до 180° и способностью пропускать чистый свет



## I Piastra girevole superiore a saldare

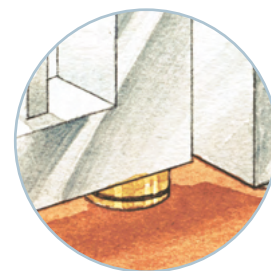
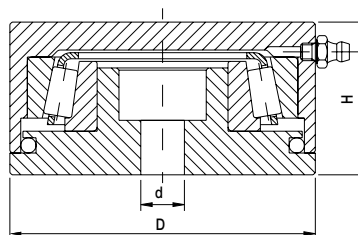
- UK Rotating top hinge to be welded
- D Oberes Drucklager zum Anschweißen
- F Plaque tournante supérieure à souder
- E Punto de giro superior a soldar
- RUS Верхняя поворотная пластина под сварку



| Articolo - Article      |             | D   | d  | A  | C  | H  | B   | L   | S  | G<br>min/max | Portata<br>Capacity |    |      |
|-------------------------|-------------|-----|----|----|----|----|-----|-----|----|--------------|---------------------|----|------|
| Riferimento - Reference |             | Ø   |    | mm |    |    |     |     |    |              |                     | kg | N°   |
| PG 51S                  | CT 01 50 DS | 50  | 23 | 25 | 10 | 43 | 50  | 80  | 8  | 48 - 60      | 450                 | 10 | 6    |
| PG 51S 100              | CT P4 50 DS | 50  | 23 | 25 | 10 | 43 | 50  | 100 | 8  | 65+80        | 450                 | 10 | 7    |
| PG 71S                  | CT 01 70 DS | 70  | 32 | 32 | 11 | 51 | 70  | 120 | 8  | 80 - 95      | 1000                | 10 | 14,8 |
| PG 121S                 | CT 01 12 DS | 120 | 45 | 35 | 10 | 60 | 100 | 250 | 15 | 184 - 198    | 1500                | 2  | 17,7 |

## I Piastra girevole inferiore a saldare

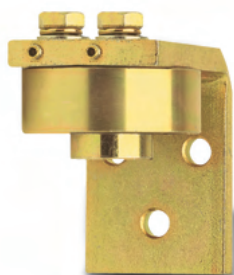
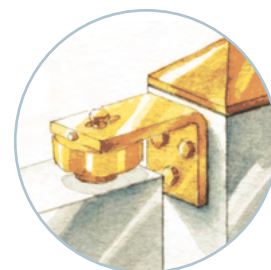
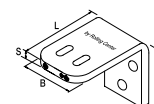
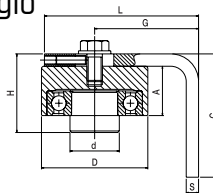
- UK Rotating bottom hinge to be welded
- D Unteres Drucklager zum Anschweißen
- F Plaque tournante inférieure à souder
- E Punto de giro inferior a soldar
- RUS Нижняя поворотная пластина под сварку



| Articolo - Article      |             | D   | d  | H  | Portata<br>Capacity |    |     |
|-------------------------|-------------|-----|----|----|---------------------|----|-----|
| Riferimento - Reference |             | Ø   |    | mm | kg                  | N° | kg  |
| PG 50I                  | CT 00 50 DI | 50  | 8  | 31 | 1000                | 10 | 4   |
| PG 70I                  | CT 00 70 DI | 70  | 10 | 35 | 2500                | 10 | 8,7 |
| PG 120I                 | CT 00 12 DI | 120 | 20 | 43 | 3000                | 2  | 8   |

## I Piastra girevole superiore con piastra di fissaggio

- UK Rotating top hinge with fixing plate
- D Oberes Drucklager mit Befestigungsplatte
- F Plaque tournante supérieure avec plaque de fixation
- E Punto de giro superior con placa de fijación
- RUS Верхняя поворотная пластина с плитой крепления



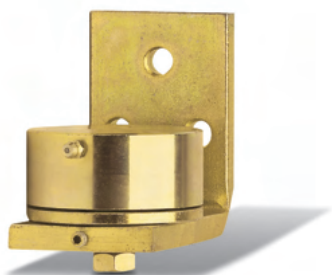
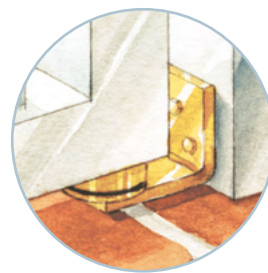
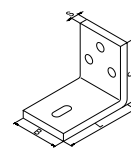
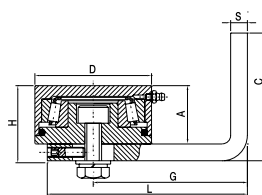
| Articolo - Article      |             | D  | d  | A  | H  | B  | L   | C  | S | G<br>min/max | Portata<br>Capacity |    |      |
|-------------------------|-------------|----|----|----|----|----|-----|----|---|--------------|---------------------|----|------|
| Riferimento - Reference |             | Ø  |    | mm |    |    |     |    |   |              |                     | kg | N°   |
| PG 51 S2                | CT 01 50 LS | 50 | 23 | 25 | 43 | 50 | 80  | 70 | 8 | 52 - 64      | 400                 | 10 | 7,4  |
| PG 71 S2                | CT 01 70 LS | 70 | 32 | 32 | 51 | 70 | 100 | 80 | 8 | 65 - 80      | 800                 | 10 | 16,5 |





## I Piastra girevole inferiore con piastra di fissaggio

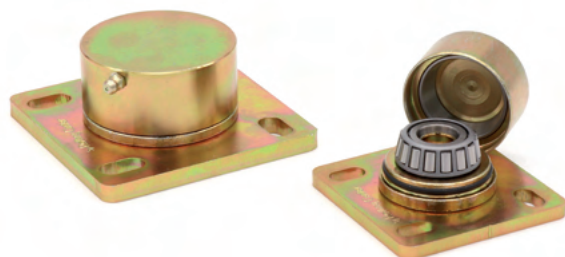
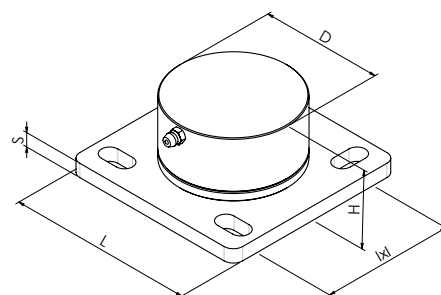
- UK Rotating bottom hinge with fixing plate  
D Unterer Drucklager mit Befestigungsplatte  
F Gond tournant inférieur avec plaque de fixation  
E Punto de giro inferior con placa de fijación  
RUS Нижняя поворотная пластина с плитой крепления



| Articolo - Article      |             | D  | A  | C  | H  | B  | L   | S  | G<br>min/max | Portata<br>Capacity | N° |      |
|-------------------------|-------------|----|----|----|----|----|-----|----|--------------|---------------------|----|------|
| Riferimento - Reference |             | Ø  | mm |    |    |    |     |    |              |                     |    |      |
| PG 50 I2                | CT 00 50 LI | 50 | 31 | 70 | 39 | 40 | 80  | 8  | 52 - 64      | 200                 | 10 | 7,5  |
| PG 70 I2                | CT 00 70 LI | 70 | 35 | 80 | 45 | 60 | 100 | 10 | 65 - 80      | 300                 | 10 | 16,8 |

## I Piastra girevole inferiore a tassellare quadra

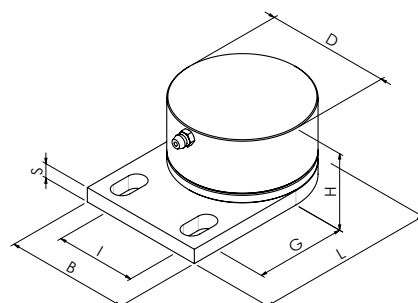
- UK Rotating bottom hinge with square fixing plate  
D Unterer Drucklager mit viereckiger Befestigungsplatte  
F Gond tournant inférieur avec plaque de fixation carrée  
E Punto de giro inferior con placa de fijación cuadrada  
RUS Квадратная поворотная пластина для нижнего крепления



| Articolo - Article      |             | D  | L   | H  | IxI | S | Portata<br>Capacity | N° |     |
|-------------------------|-------------|----|-----|----|-----|---|---------------------|----|-----|
| Riferimento - Reference |             | Ø  | mm  |    |     |   |                     |    |     |
| PG 50 IP Q              | CT 02 50 DI | 50 | 80  | 37 | 55  | 6 | 1000 kg             | 4  | 2,7 |
| PG 70 IP Q              | CT 02 70 DI | 70 | 105 | 43 | 75  | 8 | 2500 kg             | 4  | 6   |

## I Piastra girevole inferiore a tassellare rettangolare

- UK Rotating bottom hinge with rectangular fixing plate  
D Unterer Drucklager mit rechteckiger Befestigungsplatte  
F Gond tournant inférieur avec plaque de fixation rectangulaire  
E Punto de giro inferior con placa de fijación rectangular  
RUS Прямоугольная поворотная пластина для нижнего крепления

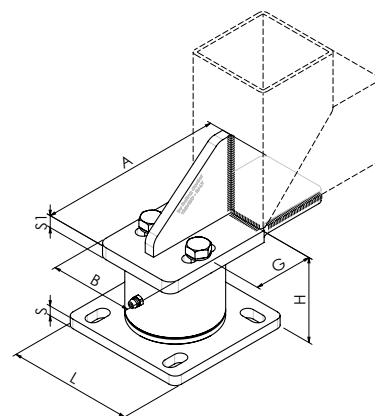


| Articolo - Article      |             | D  | L   | B  | H  | I  | G  | S | Portata<br>Capacity | N° |     |
|-------------------------|-------------|----|-----|----|----|----|----|---|---------------------|----|-----|
| Riferimento - Reference |             | Ø  | mm  |    |    |    |    |   |                     |    |     |
| PG 50 IP R              | CT 03 50 DI | 50 | 77  | 49 | 37 | 30 | 40 | 6 | 1000 kg             | 4  | 2,2 |
| PG 70 IP R              | CT 03 70 DI | 70 | 100 | 69 | 43 | 45 | 50 | 8 | 2500 kg             | 4  | 5   |



## I Piastra girevole inferiore a sbalzo registrabile a tassellare

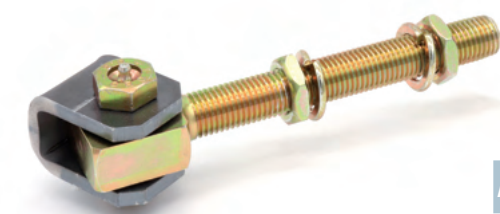
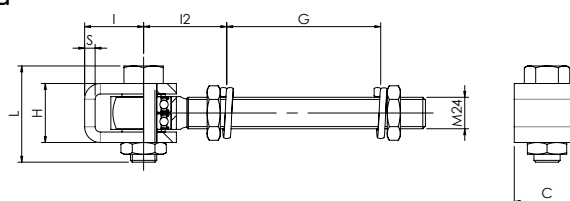
- UK Cantilevered rotating bottom hinge with rectangular fixing plate
- D Freitragendes unteres Drucklager mit rechteckiger Befestigungsplatte
- F Gond tournant inférieur porte-à-faux avec plaque de fixation rectangulaire
- E Punto de giro inferior tipo autoportante con placa de fijación rectangular
- RUS Консольная регулируемая поворотная пластина с нижним креплением



| Articolo - Article             | D  | L   | H  | S  | B  | A   | S1 | G     | Abbinabile<br>Combining | Portata<br>Capacity | N° |     |
|--------------------------------|----|-----|----|----|----|-----|----|-------|-------------------------|---------------------|----|-----|
| <b>Riferimento - Reference</b> | Ø  | mm  |    |    |    |     |    |       |                         |                     |    |     |
| PG 50 IR Q CT 04 50 DI         | 50 | 80  | 58 | 55 | 50 | 120 | 8  | 39÷51 | CR50/CL50               | 1000 kg             | 4  | 1,9 |
| PG 70 IR Q CT 04 70 DI         | 70 | 105 | 71 | 75 | 70 | 155 | 10 | 41÷59 | CR60/CL60               | 1500 kg             | 4  | 4,4 |

## I Cardine superiore con due cuscinetti e barra lunga

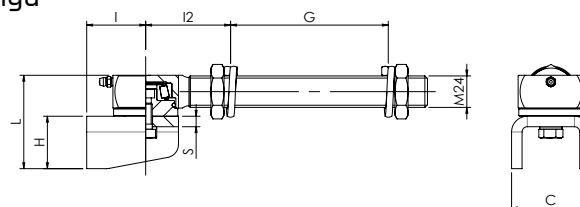
- UK Top hinge with 2 bearings and long thread
- D Oberes Torband mit 2 Kugellagern und langem Gewinde
- F Gond supérieur avec 2 roulements et axe long
- E Bisagra superior con 2 cojinetes y pernio largo
- RUS Шарнир с двумя подшипниками и длинным стержнем



| Articolo - Article             | F   | C  | H  | S | L  | I  | I2<br>min | G<br>max | Portata<br>Capacity | N° |     |
|--------------------------------|-----|----|----|---|----|----|-----------|----------|---------------------|----|-----|
| <b>Riferimento - Reference</b> | mm  |    |    |   |    |    |           |          |                     |    |     |
| CG 50 LS CT 24 50 LS           | M24 | 50 | 45 | 8 | 74 | 45 | 50        | 150      | 1000 kg             | 2  | 3,9 |

## I Cardine inferiore con cuscinetto conico e barra lunga

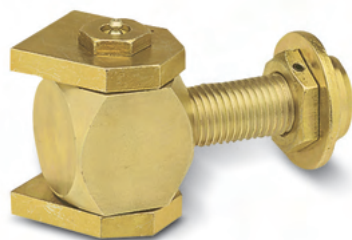
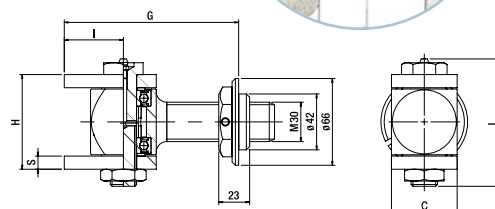
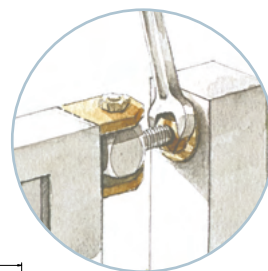
- UK Bottom hinge with conical bearing and long thread
- D Unterer Torband mit konischem Kugellager und langem Gewinde
- F Gond inférieur avec roulement conique et axe long
- E Bisagra inferior con cojinete cónico y pernio largo
- RUS Шарнир с коническим подшипником и длинным стержнем



| Articolo - Article             | F   | C  | H  | S | L  | I  | I2<br>min | G<br>max | Portata<br>Capacity | N° |     |
|--------------------------------|-----|----|----|---|----|----|-----------|----------|---------------------|----|-----|
| <b>Riferimento - Reference</b> | mm  |    |    |   |    |    |           |          |                     |    |     |
| CG 50 LI CT 24 50 LI           | M24 | 60 | 40 | 8 | 72 | 45 | 50        | 150      | 1000 kg             | 2  | 3,7 |



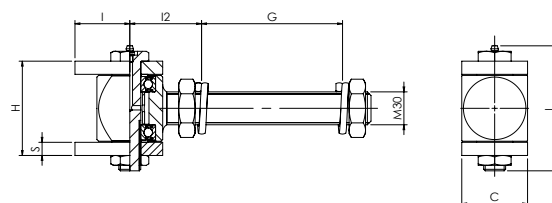
- I** Cardini per cancelli ad ante pesanti con due cuscinetti e perno ingrassatore
- UK** Hinge for heavy gates with two bearings and lubricating pin
- D** Scharniere mit 2 Lagern und Stifte
- F** Gond pour portail très lourd avec 2 roulements et graisseur
- E** Pernio para cancela de hoja pesada con dos cojinetes y ingrassador
- RUS** Петля для очень тяжелых ворот с 2 подшипниками и масленкой



| Articolo - Article      |             | C  | H  | G<br>min/max | I  | S  | L   | Portata<br>Capacity |    |     |
|-------------------------|-------------|----|----|--------------|----|----|-----|---------------------|----|-----|
| Riferimento - Reference |             | mm |    |              |    |    |     |                     | x1 | N°  |
| CR 50                   | CT 00 50 R0 | 50 | 72 | 95 - 150     | 45 | 10 | 100 | 500                 | 2  | 4,2 |
| CR 60                   | CT 00 60 R0 | 60 | 85 | 100 - 155    | 50 | 12 | 110 | 680                 | 2  | 6   |

- I** Cardine per cancelli ad ante pesanti con due cuscinetti e barra lunga

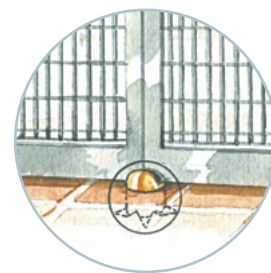
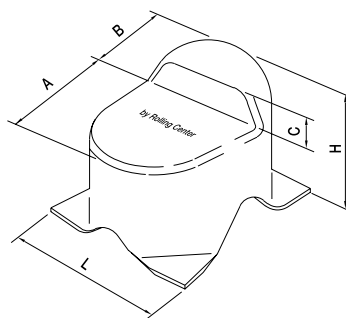
- UK** Hinge for heavy swing gates with 2 bearings and long thread
- D** Torband für schwere Flügeltore mit 2 Kugellagern und langem Gewinde
- F** Gond pour vantaux lourds avec 2 roulements et axe long
- E** Bisagra para puertas a librillo pesadas con 2 cojinetes y pernio largo
- RUS** Шарниры для калиток и тяжелых створок с двумя подшипниками и длинным стержнем



| Articolo - Article      |             | F   | C  | H  | S  | L   | I  | I2<br>min | G<br>max | Portata<br>Capacity |    |     |
|-------------------------|-------------|-----|----|----|----|-----|----|-----------|----------|---------------------|----|-----|
| Riferimento - Reference |             | mm  |    |    |    |     |    |           |          |                     | x1 | N°  |
| <b>NEW</b> CL 50        | CT 00 50 LO | M30 | 50 | 72 | 10 | 100 | 45 | 50        | 140      | 500 kg              | 2  | 5,6 |
| CL 60                   | CT 00 60 LO | M30 | 60 | 85 | 12 | 110 | 50 | 55        | 140      | 600 kg              | 2  | 7,6 |

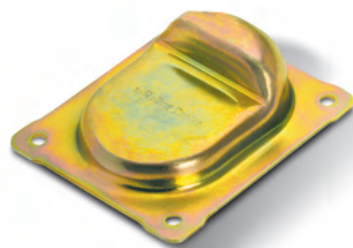
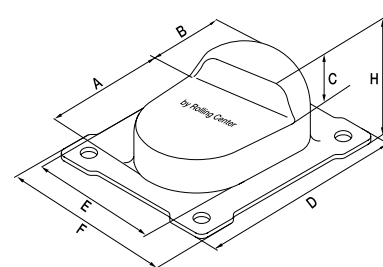


- I** Fermo d'arresto tropicalizzato per cancelli a due ante
- UK** Yellow galvanized gate stop for 2 - leaf - gate
- D** End - Sperren fuer 2 - Türlige Tore
- F** Butée d'arrêt bichromatée pour portail à battants
- E** Tope tropicalizado para cancelas batientes de 2 hojas
- RUS** Упор центральный для распашных ворот в бетон



| Articolo - Article      |             | L  | H  | A  | B  | C  |    |     |
|-------------------------|-------------|----|----|----|----|----|----|-----|
| Riferimento - Reference |             | mm |    |    |    |    |    | N°  |
| F 105                   | FT 92 77 00 | 92 | 77 | 63 | 35 | 20 | 20 | 7,3 |

- I** Fermo d'arresto con base tropicalizzato per cancelli a due ante
- UK** Galvanised gate stop with base for 2 - leaf - gate
- D** End - Sperren mit Basis fuer 2 - Türlige Tore
- F** Butée d'arrêt avec base bichromatée pour portail à battants à visser
- E** Tope tropicalizado para cancelas batientes de 2 hojas para atornillar
- RUS** Упор центральный для распашных ворот под винт

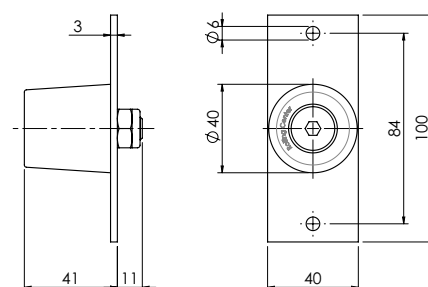


| Articolo - Article      |             | A  | B  | C  | D   | E  | F   | H  |    |   |
|-------------------------|-------------|----|----|----|-----|----|-----|----|----|---|
| Riferimento - Reference |             | mm |    |    |     |    |     |    | N° |   |
| F 105 BP                | FT 10 36 00 | 68 | 36 | 18 | 122 | 70 | 100 | 36 | 20 | 6 |
| F 105 BG                | FT 13 40 00 | 88 | 42 | 20 | 157 | 90 | 130 | 40 | 10 | 5 |



## I Arresto di fine corsa con piastra ad avvitare

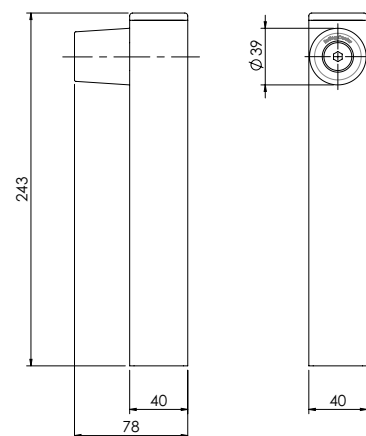
- UK Gate stopper with plate to be bolted
- D Torstopper mit Platte zum Anschrauben
- F Butée de portail avec plaque à boulonner
- E Tope de puerta con placa para atornillar
- RUS Стопор затвора с прикручиваемой пластиной



| Articolo - Article      |             | N° |     |
|-------------------------|-------------|----|-----|
| Riferimento - Reference |             |    |     |
| F 42Z                   | FZ 10 40 P0 | 30 | 5,1 |

## I Arresto di fine corsa con tubo a cementare

- UK Gate stopper with pillar to be cemented
- D Torstopper mit zu zementierender Säule
- F Butée de portail avec pilier à cimenter
- E Tope de puerta con pilar para cementar
- RUS Стопор ворот со стойкой на цементирование



| Articolo - Article      |             | N° |      |
|-------------------------|-------------|----|------|
| Riferimento - Reference |             |    |      |
| F 43Z                   | FZ 40 24 M0 | 20 | 12,8 |

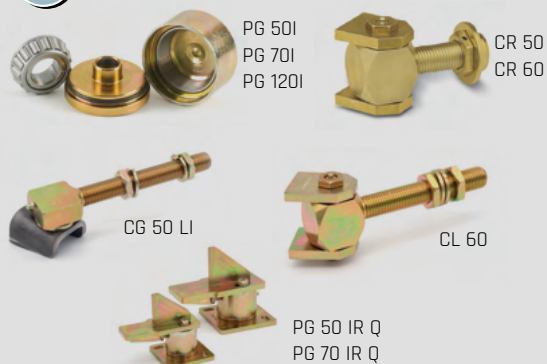




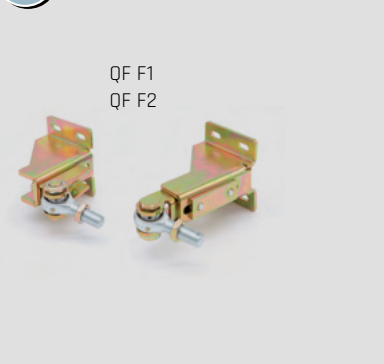
A



B



C







D



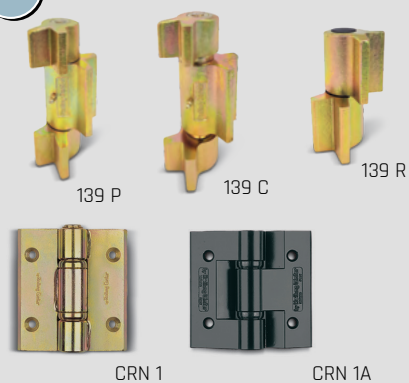
QF A130  
QF A200

E



QUICK F1

F



139 P

139 C

139 R

CRN 1

CRN 1A



# QUICK FOLDING

**I** Sistema anta battente con apertura a libro

**UK** Swing gate system with folding movement

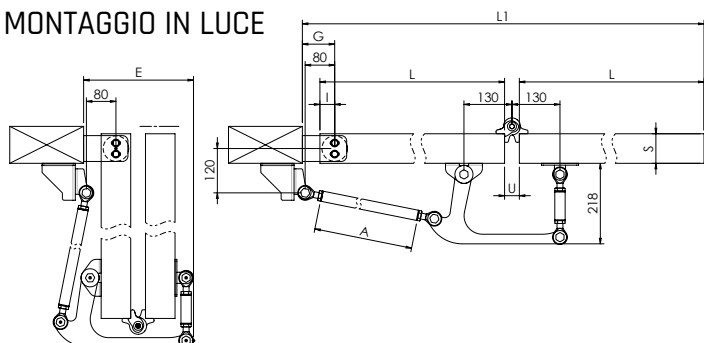
**D** Drehfalttorsystem

**F** Système de porte battante avec ouverture à accordéon

**E** Sistema para puertas cancela con movimiento a librillo

**RUS** Складчатая дверь с распашной системой

## MONTAGGIO IN LUCE



Esempio/Example: PG71S+PG70I+139..., S=80mm

L1: larghezza apertura/Opening Width

G: posizione asse rotazione/Pivot position

I: sormonto-distanza asse rotazione-anta/Pivot-Leaf Distance

L: larghezza anta/Leaf Width

A: lunghezza asta/Truss Length

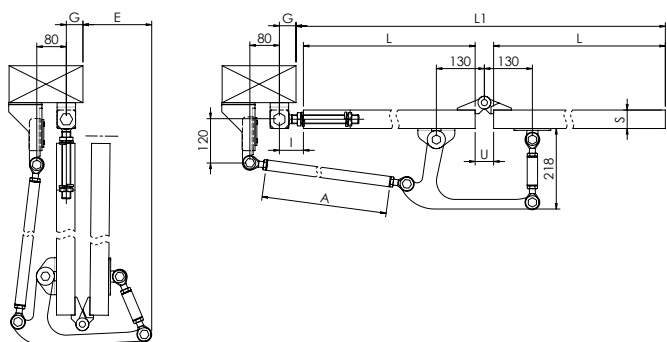
E: ingombro impacchettamento in luce/Opening encumbrance

S: larghezza tubo: consigliato 50+80/Tube Width

U: distanza ante/Inter-Leaves Distance: 139...=40; CRN1...= 50

| Cardini Pilastro<br>Post Hinges |              | G       | I      | L                    | A                       | E                     | Peso Max 1 Anta<br>Max Weight 1 Leaf |      | (L1/H=2) |
|---------------------------------|--------------|---------|--------|----------------------|-------------------------|-----------------------|--------------------------------------|------|----------|
| Sopra/Top                       | Sotto/Bottom |         |        |                      |                         |                       | CRN1A                                | CRN1 | 139...   |
| Riferimento - Reference         |              | mm      |        |                      |                         |                       | Kg                                   |      |          |
| PG51S                           | PG50I        | 54      | S/2    | $\frac{L1-G+I+U}{2}$ | $\frac{L1-G-I}{2}$ -210 | $250+G - \frac{S}{2}$ | 150                                  | 200  | 250      |
| PG51S100                        | PG50I        | 72,5    | S/2    |                      |                         |                       |                                      |      | 250      |
| PG71S                           | PG70I        | 87,5    | S/2    | $\frac{L1-G+I+U}{2}$ | $\frac{L1-G+I}{2}$ -210 |                       |                                      |      | 500      |
| CR50                            | PG50IRQ      | 95+150  | 45     |                      |                         |                       |                                      |      | 250      |
| CR60                            | PG70IRQ      | 100+155 | 50     |                      |                         |                       |                                      |      | 500      |
| CR50                            | CR50         | 95+150  | 50+105 |                      |                         |                       |                                      |      | 300      |
| CR60                            | CR60         | 100+155 | 55+105 |                      |                         |                       |                                      |      | 400      |
| CL60                            | CL60         | 100+155 | 55+105 | 400                  |                         |                       |                                      |      |          |

## MONTAGGIO OLTRE LUCE



Esempio/Example: CG50LS+CG50LI+CRN1A, S=50mm

L1: larghezza apertura/Opening Width

G: posizione asse rotazione/Pivot position

I: sormonto-distanza asse rotazione-anta/Pivot-Leaf Distance

L: larghezza anta/Leaf Width

A: lunghezza asta/Truss Length

E: ingombro impacchettamento in luce/Opening encumbrance

S: larghezza tubo: consigliato 50+80/Tube Width

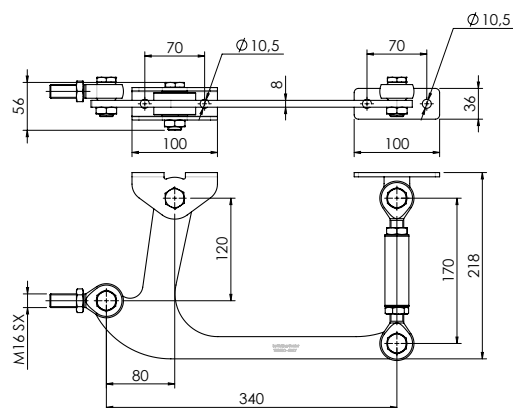
U: distanza ante/Inter-Leaves Distance: 139...=40; CRN1...= 50

| Cardini Pilastro<br>Post Hinges |              | I      | L                    | A                       | E                    | Peso Max 1 Anta<br>Max Weight 1 Leaf |      | (L1/H=2) |
|---------------------------------|--------------|--------|----------------------|-------------------------|----------------------|--------------------------------------|------|----------|
| Sopra/Top                       | Sotto/Bottom |        |                      |                         |                      | CRN1A                                | CRN1 | 139...   |
| Riferimento - Reference         |              | mm     |                      |                         |                      | Kg                                   |      |          |
| CR50                            | PG50IRQ      | 45     | $\frac{L1+G-I-U}{2}$ | $\frac{L1+G+I}{2}$ -210 | 250-G- $\frac{S}{2}$ | 150                                  | 200  | 250      |
| CR60                            | PG70IRQ      | 50     |                      |                         |                      |                                      |      | 500      |
| CG50LS                          | CG50LI       | 50+105 |                      |                         |                      |                                      |      | 400      |
| CR50                            | CR50         | 50+105 |                      |                         |                      |                                      |      | 300      |
| CR60                            | CR60         | 55+105 |                      |                         |                      |                                      |      | 400      |
| CL60                            | CL60         | 55+105 |                      |                         |                      |                                      |      | 400      |



## I Meccanismo a boomerang per sistema QuickFolding

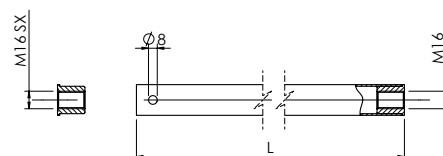
- UK Boomerang mechanism for QuickFolding system  
D Boomerang-Mechanismus für das QuickFolding-System  
F Mécanisme Boomerang pour système QuickFolding  
E Mecanismo Boomerang para el sistema QuickFolding  
RUS Механизм типа «бумеранг» с системой QuickFolding



| Articolo - Article      |             | N° |     |
|-------------------------|-------------|----|-----|
| Riferimento - Reference |             | N° |     |
| QUICK F1                | CT 12 80 QF | 2  | 6,4 |

## I Asta lunga per sistema QuickFolding

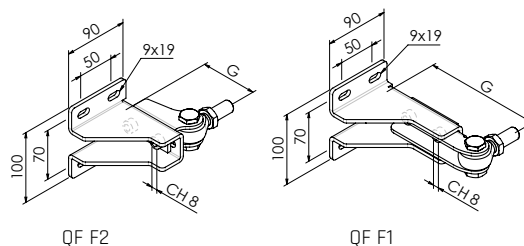
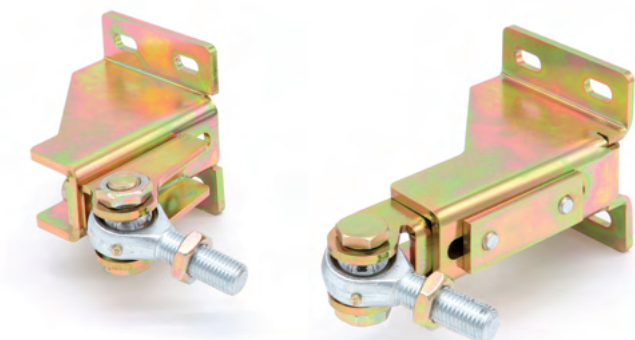
- UK Long rod for QuickFolding system  
D Lange Stange für QuickFolding-System  
F Tige longue pour système QuickFolding  
E Varilla larga para sistema QuickFolding  
RUS Длинный шток для системы QuickFolding



| Articolo - Article      |             | L    | N° |     |
|-------------------------|-------------|------|----|-----|
| Riferimento - Reference |             | mm   | N° |     |
| QF A130                 | TT 28 13 FO | 1300 | 2  | 2,8 |
| QF A200                 | TT 28 20 FO | 2000 | 2  | 4,2 |

## I Fissaggio regolabile in luce e oltre luce per sistema QuickFolding

- UK Adjustable fixation lateral to the post or on the back of the post  
D Befestigung seitlich am Pfosten oder hinten am Pfosten  
F Fixation réglable latéralement au pilier ou derrière le pilier  
E Fijación ajustable al lado del pilar o detrás del pilar  
RUS Регулируемое крепление в просвете и за просветом для системы QuickFolding

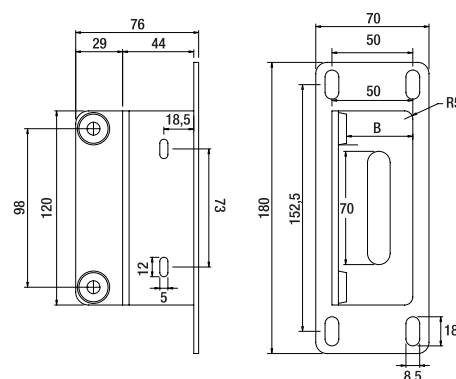


| Articolo - Article      |             | Fissaggio Fixing  | N° |     |
|-------------------------|-------------|-------------------|----|-----|
| Riferimento - Reference |             |                   | N° |     |
| QF F1                   | FT 01 16 QF | Oltre luce / Back | 2  | 2,8 |
| QF F2                   | FT 02 16 QF | In luce / Lateral | 2  | 3,4 |



## I Battente porta fisso per elettro-serratura e manuale

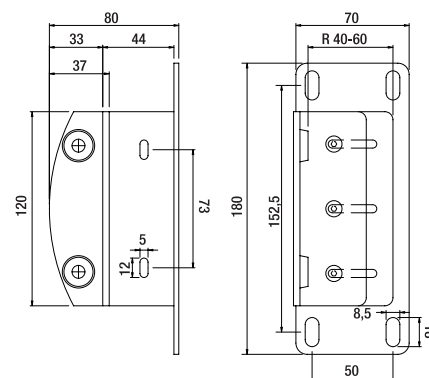
- UK Fixed strike plate for manual and electrolocks
- D Fester Anschlag für manuelle und Elektroschlösser
- F Battant zingué fixe pour serrure électrique ou serrure manuelle
- E Batiente cincado fijo para electro-cerradura y cerradura manual
- RUS Фиксированная защелка двери для электрических и ручных замков



| Articolo - Article      |             | B  |    |     |
|-------------------------|-------------|----|----|-----|
| Riferimento - Reference |             | mm | N° |     |
| BL 30                   | FZ 70 18 30 | 30 | 4  | 2,8 |
| BL 35                   | FZ 70 18 35 | 35 | 4  | 2,8 |
| BL 40                   | FZ 70 18 40 | 40 | 4  | 2,8 |
| BL 50                   | FZ 70 18 50 | 50 | 4  | 2,8 |

## I Battente porta regolabile a fissare per elettro-serratura

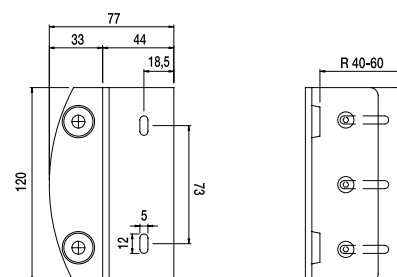
- UK Adjustable strike plate for electrolocks to be screwed
- D Verstellbarer Anschlag Elektroschlösser zum Anschrauben
- F Battant zingué réglable pour serrure électrique à visser
- E Batiente cincado ajustable para electro-cerradura para atornillar
- RUS Регулируемая защелка электрических замков для фиксации на дверь



| Articolo - Article      |             | R     |    |   |
|-------------------------|-------------|-------|----|---|
| Riferimento - Reference |             | mm    | N° |   |
| BLRP                    | FZ 70 18 R0 | 40÷60 | 4  | 4 |

## I Battente porta regolabile a saldare per elettro-serratura

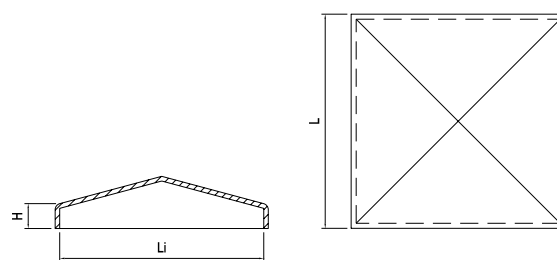
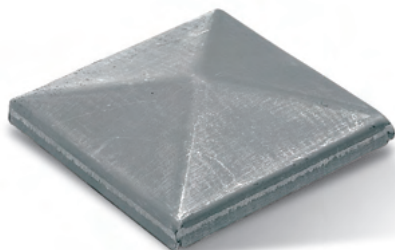
- UK Adjustable strike plate for electrolocks to be welded
- D Verstellbarer Anschlag Elektroschlösser zum Anschweißen
- F Battant zingué réglable pour serrure électrique à souder
- E Batiente cincado ajustable para electro-cerradura para soldar
- RUS Регулируемая защелка двери электрических замков под сварку



| Articolo - Article      |             | R     |    |   |
|-------------------------|-------------|-------|----|---|
| Riferimento - Reference |             | mm    | N° |   |
| BLR                     | FZ 40 12 R0 | 40÷60 | 4  | 4 |

## I Copricolonna quadro grezzo o zincato con bordo

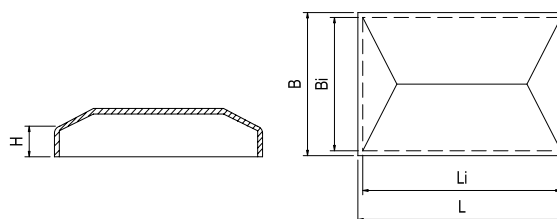
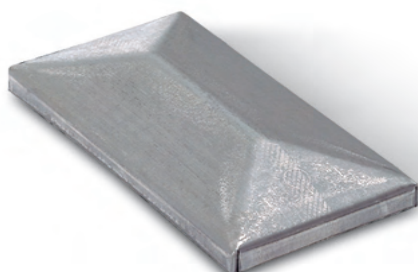
- UK Welding square cap with flanges - black or galvanized  
D Viereckige anschweißbare Abdeckkappe, roh oder verzinkt  
F Colonne de recouvrement carrée et brute ou galvanisée avec moulure  
E Cubrecolumna cuadrada cincada o non cincada  
RUS Крышка черный металл или оцинк под сварку на квадратную трубу



| Articolo - Article      |             | L   | Li  | H  |     |      |
|-------------------------|-------------|-----|-----|----|-----|------|
| Riferimento - Reference |             | mm  |     | N° |     |      |
| CAP 3G                  | PG 30 07 QX | 35  | 31  | 7  | 100 | 3,1  |
| CAP 3Z                  | PZ 30 07 Q0 | 35  | 31  | 7  | 100 | 3,1  |
| CAP 4G                  | PG 40 07 QX | 45  | 41  | 7  | 100 | 4,7  |
| CAP 4Z                  | PZ 40 07 Q0 | 45  | 41  | 7  | 100 | 4,7  |
| CAP 5G                  | PG 50 08 QX | 55  | 51  | 7  | 50  | 3,3  |
| CAP 5Z                  | PZ 50 08 Q0 | 55  | 51  | 7  | 50  | 3,3  |
| CAP 6G                  | PG 60 08 QX | 65  | 61  | 7  | 50  | 4,3  |
| CAP 6Z                  | PZ 60 08 Q0 | 65  | 61  | 7  | 50  | 4,3  |
| CAP 8G                  | PG 80 08 QX | 85  | 81  | 7  | 50  | 7    |
| CAP 8Z                  | PZ 80 08 Q0 | 85  | 81  | 7  | 50  | 7    |
| CAP 10G                 | PG 10 09 QX | 105 | 101 | 7  | 50  | 10,3 |
| CAP 10Z                 | PZ 10 09 Q0 | 105 | 101 | 7  | 50  | 10,3 |
| CAP 12G                 | PG 12 11 QX | 125 | 121 | 8  | 20  | 5,5  |
| CAP 12Z                 | PZ 12 11 Q0 | 125 | 121 | 8  | 20  | 5,5  |
| CAP 15G                 | PG 15 12 QX | 155 | 151 | 9  | 10  | 4,3  |
| CAP 15Z                 | PZ 15 12 Q0 | 155 | 151 | 9  | 10  | 4,3  |
| CAP 175G                | PG 17 13 QX | 180 | 177 | 11 | 8   | 4,6  |
| CAP 175Z                | PZ 17 13 Q0 | 180 | 177 | 11 | 8   | 4,6  |
| CAP 20G                 | PG 20 14 QX | 205 | 201 | 10 | 8   | 7,6  |
| CAP 20Z                 | PZ 20 14 Q0 | 205 | 201 | 10 | 8   | 7,6  |

## I Copricolonna rettangolare grezzo o zincato con bordo

- UK Welding rectangular cap with flange - black or galvanized  
D Anschweißbare Abdeckkappen mit Flansch fuer Rechteckrohre, roh oder verzinkt  
F Colonne de recouvrement rectangulaire brute ou galvanisée avec moulure  
E Cubrecolumna rectangular cincada o non cincada  
RUS Крышка черный металл или оцинк под сварку на прямоугольную трубу



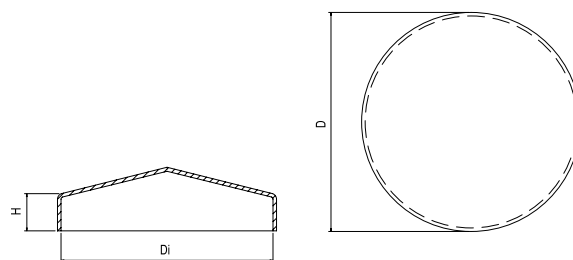
| Articolo - Article      |             | L   | B  | Li  | Bi | H |     |     |
|-------------------------|-------------|-----|----|-----|----|---|-----|-----|
| Riferimento - Reference |             | mm  |    | N°  |    |   |     |     |
| CAP 1RG                 | PG 20 30 RX | 34  | 24 | 31  | 21 | 7 | 200 | 3,8 |
| CAP 1RZ                 | PZ 20 30 R0 | 34  | 24 | 31  | 21 | 7 | 200 | 3,8 |
| CAP 2RG                 | PG 20 40 RX | 44  | 24 | 41  | 21 | 7 | 200 | 4,6 |
| CAP 2RZ                 | PZ 20 40 R0 | 44  | 24 | 41  | 21 | 7 | 200 | 4,6 |
| CAP 3RG                 | PG 30 50 RX | 54  | 34 | 51  | 31 | 7 | 100 | 3,2 |
| CAP 3RZ                 | PZ 30 50 R0 | 54  | 34 | 51  | 31 | 7 | 100 | 3,2 |
| CAP 4RG                 | PG 30 60 RX | 64  | 34 | 61  | 31 | 7 | 100 | 3,7 |
| CAP 4RZ                 | PZ 30 60 R0 | 64  | 34 | 61  | 31 | 7 | 100 | 3,7 |
| CAP 5RG                 | PG 40 60 RX | 64  | 44 | 61  | 41 | 7 | 100 | 5,1 |
| CAP 5RZ                 | PZ 40 60 R0 | 64  | 44 | 61  | 41 | 7 | 100 | 5,1 |
| CAP 6RG                 | PG 40 80 RX | 84  | 44 | 81  | 41 | 7 | 50  | 3,4 |
| CAP 6RZ                 | PZ 40 80 R0 | 84  | 44 | 81  | 41 | 7 | 50  | 3,4 |
| CAP 7RG                 | PG 50 10 RX | 104 | 54 | 101 | 51 | 7 | 40  | 3,5 |
| CAP 7RZ                 | PZ 50 10 R0 | 104 | 54 | 101 | 51 | 7 | 40  | 3,5 |





## I Copricolonna tondo grezzo o zincato con bordo

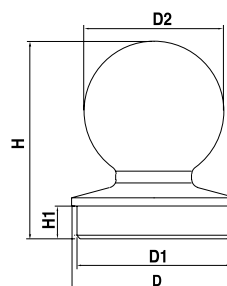
- UK Welding round cap with flange - black or galvanized  
D Runde anschweißbare Abdeckkappe, roh oder verzinkt  
F Colonne de recouvrement ronde et brute ou galvanisée avec moulure  
E Cubrecolumna ronda cincada o non cincada  
RUS Крышка черный металл или оцинк под сварку на круглую трубу



| Articolo - Article      |             | D   | Di  | H  |     |     |
|-------------------------|-------------|-----|-----|----|-----|-----|
| Riferimento - Reference |             | Ø   |     | mm | N°  | kg  |
| CAP 1TG                 | PG 30 11 TX | 33  | 30  | 10 | 200 | 4,6 |
| CAP 1TZ                 | PZ 30 11 TO | 33  | 30  | 10 | 200 | 4,6 |
| CAP 2TG                 | PG 33 11 TX | 36  | 33  | 10 | 200 | 4,7 |
| CAP 2TZ                 | PZ 33 11 TO | 36  | 33  | 10 | 200 | 4,7 |
| CAP 3TG                 | PG 42 11 TX | 45  | 42  | 10 | 100 | 3,9 |
| CAP 3TZ                 | PZ 42 11 TO | 45  | 42  | 10 | 100 | 3,9 |
| CAP 4TG                 | PG 48 13 TX | 51  | 48  | 10 | 100 | 4,8 |
| CAP 4TZ                 | PZ 48 13 TO | 51  | 48  | 10 | 100 | 4,8 |
| CAP 5TG                 | PG 60 14 TX | 63  | 60  | 10 | 50  | 3,6 |
| CAP 5TZ                 | PZ 60 14 TO | 63  | 60  | 10 | 50  | 3,6 |
| CAP 6TG                 | PG 76 14 TX | 79  | 76  | 14 | 30  | 3,0 |
| CAP 6TZ                 | PZ 76 14 TO | 79  | 76  | 14 | 30  | 3,0 |
| CAP 7TG                 | PG 90 14 TX | 92  | 90  | 14 | 20  | 2,6 |
| CAP 7TZ                 | PZ 90 14 TO | 92  | 90  | 14 | 20  | 2,6 |
| CAP 8TG                 | PG 11 14 TX | 104 | 101 | 14 | 20  | 3,0 |
| CAP 8TZ                 | PZ 11 14 TO | 104 | 101 | 14 | 20  | 3,0 |
| CAP 9TG                 | PG 12 14 TX | 117 | 114 | 14 | 20  | 3,8 |
| CAP 9TZ                 | PZ 12 14 TO | 117 | 114 | 14 | 20  | 3,8 |

## I Copricolonna a sfera in acciaio cromato

- UK Spherical cap in chromated steel  
D Anschweißbare Abdeckkappe in Kugelform verchromt  
F Chapeau à sphère en acier chromé  
E Cubrecolumna esférica en acero cromato  
RUS Наконечник сферический из хромированной стали

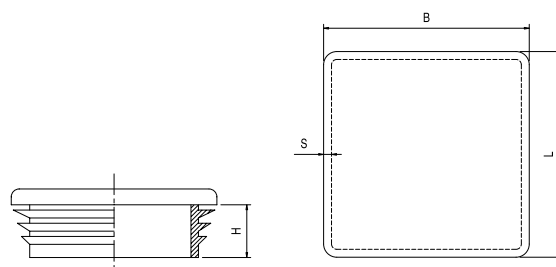


| Articolo - Article      |             | D   | D1   | D2 | H   | H1 |    |     |
|-------------------------|-------------|-----|------|----|-----|----|----|-----|
| Riferimento - Reference |             | Ø   |      |    | mm  |    | N° | kg  |
| SF 60                   | PC 60 85 00 | 60  | 56,5 | 50 | 85  | 20 | 5  | 5,5 |
| SF 76                   | PC 76 95 00 | 76  | 71   | 65 | 95  | 20 | 4  | 8   |
| SF 102                  | PC 10 12 00 | 102 | 97   | 90 | 120 | 20 | 2  | 9,5 |



## I Copricolonna in polietilene per tubi quadrati

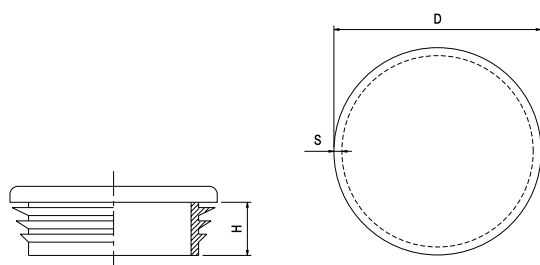
- UK Plastic cap for square pipes  
D Plastik Deckel Quadrat  
F Couvercle plastique carré  
E Cubrecolumna de plastica  
RUS Крышка пластиковая квадратная



| Articolo - Article      |             | H    | Per tubi |     |         |     |       |
|-------------------------|-------------|------|----------|-----|---------|-----|-------|
| Riferimento - Reference |             | mm   | B        | L   | S       | N°  | kg    |
| CAP 15TQ                | PN 15 11 Q0 | 11   | 15       | 15  | 1-2     | 100 | 0,150 |
| CAP 20TQ                | PN 20 12 Q0 | 12   | 20       | 20  | 1-3     | 100 | 0,250 |
| CAP 25TQ                | PN 25 12 Q0 | 12   | 25       | 25  | 1-3     | 100 | 0,600 |
| CAP 30TQ                | PN 30 12 Q0 | 12   | 30       | 30  | 2,5-5   | 100 | 0,600 |
| CAP 31TQ                | PN 30 11 Q0 | 11   | 30       | 30  | 1-2,5   | 100 | 0,600 |
| CAP 35TQ                | PN 35 14 Q0 | 14   | 35       | 35  | 1-3     | 100 | 0,600 |
| CAP 40TQ                | PN 40 14 Q0 | 14   | 40       | 40  | 1-3     | 100 | 0,900 |
| CAP 45TQ                | PN 45 14 Q0 | 14   | 45       | 45  | 1-3     | 100 | 1,000 |
| CAP 50TQ                | PN 50 15 Q0 | 25   | 50       | 50  | 2,6-4   | 50  | 1,200 |
| NEW CAP 51TQ            | PN 50 14 Q0 | 14,5 | 50       | 50  | 1-2,5   | 50  | 0,700 |
| CAP 60TQ                | PN 60 15 Q0 | 15   | 60       | 60  | 1,5-3,5 | 30  | 0,620 |
| CAP 70TQ                | PN 70 18 Q0 | 18   | 70       | 70  | 2-5     | 30  | 0,700 |
| CAP 80TQ                | PN 80 16 Q0 | 16   | 80       | 80  | 2-4     | 20  | 0,550 |
| CAP 90TQ                | PN 90 25 Q0 | 25   | 90       | 90  | 3-5     | 10  | 0,670 |
| CAP 11TQ                | PN 10 28 Q0 | 28   | 100      | 100 | 1-4     | 10  | 1,000 |
| CAP 12TQ                | PN 12 26 Q0 | 26   | 120      | 120 | 2,5-5   | 10  | 0,900 |
| CAP 150TQ               | PN 15 27 Q0 | 27   | 150      | 150 | 5-8     | 10  | 1,000 |

## I Copricolonna in polietilene per tubi rotondi

- UK Plastic cap for round pipes  
D Plastik Deckel Rund  
F Couvercle plastique rond  
E Cubrecolumna de plastica para tubos redondas  
RUS Крышка пластиковая круглая



| Articolo - Article      |             | H    | Per tubi |         |  |                                                                                       |
|-------------------------|-------------|------|----------|---------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Riferimento - Reference |             | mm   | D        | S       | N°                                                                                    |  |
| CAP 1TN                 | PN 10 10 TO | 10,8 | 10       | 1-2     | 50                                                                                    | 0,080                                                                                 |
| CAP 2TN                 | PN 15 09 TO | 9,2  | 15       | 1-2     | 50                                                                                    | 0,240                                                                                 |
| CAP 3TN                 | PN 20 11 TO | 11,4 | 20       | 0,8-2   | 50                                                                                    | 0,300                                                                                 |
| CAP 4TN                 | PN 25 11 TO | 11,3 | 25       | 1-3     | 100                                                                                   | 0,500                                                                                 |
| CAP 5TN                 | PN 30 11 TO | 11,6 | 30       | 1-2,5   | 100                                                                                   | 0,500                                                                                 |
| CAP 5/1TN               | PN 32 11 TO | 12   | 32       | 1-2,5   | 50                                                                                    | 0,530                                                                                 |
| CAP 6TN                 | PN 40 11 TO | 11,3 | 40       | 1-3     | 100                                                                                   | 0,693                                                                                 |
| CAP 6/1TN               | PN 42 11 TO | 11,5 | 42       | 1-2,5   | 100                                                                                   | 0,710                                                                                 |
| CAP 6/2TN               | PN 48 11 TO | 11,5 | 48       | 1,2-3,6 | 100                                                                                   | 0,728                                                                                 |
| CAP 7TN                 | PN 50 11 TO | 11,2 | 50       | 1-2,5   | 100                                                                                   | 0,900                                                                                 |
| CAP 7/1TN               | PN 55 11 TO | 11,2 | 55       | 1-3     | 50                                                                                    | 0,900                                                                                 |
| CAP 8TN                 | PN 60 11 TO | 17,8 | 60       | 1-3     | 50                                                                                    | 0,993                                                                                 |
| CAP 9TN                 | PN 70 21 TO | 21,2 | 70       | 1,5-4,5 | 30                                                                                    | 0,435                                                                                 |
| CAP 10TN                | PN 75 22 TO | 22,2 | 76       | 2-4     | 20                                                                                    | 0,500                                                                                 |
| CAP 11TN                | PN 90 19 TO | 19,9 | 90       | 2,5-5   | 20                                                                                    | 0,500                                                                                 |
| CAP 12TN                | PN 10 20 TO | 20,2 | 102      | 2-4     | 10                                                                                    | 0,634                                                                                 |
| CAP 12/1TN              | PN 10 00 TO | 28,5 | 100      | 2-4,5   | 10                                                                                    | 0,600                                                                                 |
| CAP 13TN                | PN 11 00 TO | 28,5 | 110      | 2-4,5   | 10                                                                                    | 0,650                                                                                 |



**I** Copricolonna in polietilene per tubi rettangolari

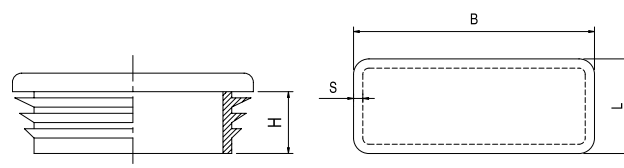
**UK** Plastic cap for rectangular pipes

**D** Plastik Deckel Rechteck

**F** Couvercle plastique rectangulaire

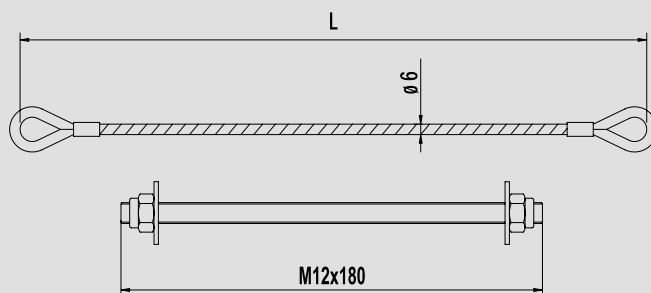
**E** Cubrecolumna de plastica

**RUS** Крышка пластиковая под сварку на прямоугольную трубу



| Articolo - Article      |             | H    | Per tubi |     |         |     |       |
|-------------------------|-------------|------|----------|-----|---------|-----|-------|
| Riferimento - Reference |             | mm   | B        | L   | S       | N°  |       |
| CAP 1RN                 | PN 20 10 R0 | 12   | 20       | 10  | 0,8-2   | 100 | 0,150 |
| CAP 2RN                 | PN 25 15 R0 | 12   | 25       | 15  | 1-2,5   | 100 | 0,250 |
| CAP 3RN                 | PN 30 10 R0 | 12   | 30       | 10  | 1-2     | 100 | 0,250 |
| CAP 4RN                 | PN 30 15 R0 | 12   | 30       | 15  | 1-2,5   | 100 | 0,350 |
| CAP 5RN                 | PN 30 20 R0 | 12   | 30       | 20  | 1,5-3   | 80  | 0,600 |
| CAP 7RN                 | PN 30 25 R0 | 13   | 30       | 25  | 1,5     | 50  | 0,600 |
| CAP 8RN                 | PN 40 10 R0 | 13,5 | 40       | 10  | 1,5     | 100 | 0,600 |
| CAP 9RN                 | PN 40 15 R0 | 12   | 40       | 15  | 1-1,5   | 80  | 0,500 |
| CAP 10RN                | PN 40 20 R0 | 14   | 40       | 20  | 1-2,5   | 50  | 0,600 |
| CAP 12RN                | PN 40 25 R0 | 13,5 | 40       | 25  | 1-3     | 50  | 0,700 |
| CAP 13RN                | PN 40 30 R0 | 14   | 40       | 30  | 1-3     | 100 | 1,000 |
| <b>NEW</b> CAP 14/1RN   | PN 50 10 R0 | 12   | 50       | 10  | 1-3     | 100 | 0,480 |
| CAP 15RN                | PN 50 20 R0 | 13,5 | 50       | 20  | 1-3     | 100 | 0,800 |
| CAP 16RN                | PN 50 25 R0 | 13,5 | 50       | 25  | 1-3     | 100 | 0,800 |
| CAP 17RN                | PN 50 30 R0 | 14   | 50       | 30  | 1-3     | 100 | 0,900 |
| CAP 18RN                | PN 50 30 R1 | 14   | 50       | 30  | 3-5     | 100 | 1,000 |
| CAP 19RN                | PN 50 34 R0 | 14   | 50       | 35  | 1-3,5   | 50  | 1,200 |
| CAP 20RN                | PN 50 40 R0 | 13   | 50       | 40  | 1,5-2,5 | 50  | 0,750 |
| CAP 21RN                | PN 60 20 R0 | 13,5 | 60       | 20  | 1-3     | 100 | 0,900 |
| CAP 22RN                | PN 60 25 R0 | 15   | 60       | 25  | 1-2,5   | 50  | 0,600 |
| CAP 23RN                | PN 60 30 R0 | 14,2 | 60       | 30  | 1-2,5   | 50  | 0,700 |
| CAP 24RN                | PN 60 40 R0 | 14,2 | 60       | 40  | 1-3     | 50  | 0,750 |
| CAP 25RN                | PN 60 40 R1 | 18   | 60       | 40  | 4-5     | 50  | 0,950 |
| CAP 26RN                | PN 70 25 R0 | 18   | 70       | 25  | 1,5-2,5 | 50  | 0,800 |
| CAP 27RN                | PN 70 30 R0 | 18   | 70       | 30  | 1-2     | 50  | 0,900 |
| CAP 28RN                | PN 70 40 R0 | 18   | 70       | 40  | 1,5-2,5 | 50  | 1,000 |
| CAP 29RN                | PN 70 40 R1 | 18   | 70       | 40  | 2,5-4   | 50  | 1,050 |
| CAP 30RN                | PN 80 20 R0 | 18   | 80       | 20  | 1,5-2   | 50  | 0,850 |
| CAP 31RN                | PN 80 30 R0 | 15   | 80       | 30  | 1-2,5   | 50  | 0,800 |
| CAP 32RN                | PN 80 40 R0 | 15   | 80       | 40  | 1-3     | 50  | 0,840 |
| CAP 33RN                | PN 80 40 R1 | 18   | 80       | 40  | 3,2-4   | 40  | 1,230 |
| CAP 34RN                | PN 80 50 R0 | 18   | 80       | 50  | 2-4     | 30  | 0,630 |
| CAP 35RN                | PN 80 60 R0 | 25   | 80       | 60  | 1,5-3,5 | 20  | 0,750 |
| CAP 36RN                | PN 80 60 R1 | 15   | 80       | 60  | 5       | 20  | 0,700 |
| CAP 37RN                | PN 10 40 R0 | 13   | 100      | 40  | 1,5-4   | 20  | 0,620 |
| CAP 39RN                | PN 10 50 R0 | 24   | 100      | 50  | 2-4,5   | 20  | 0,950 |
| CAP 40RN                | PN 12 30 R0 | 16   | 120      | 30  | 1,5-2   | 50  | 0,750 |
| CAP 41RN                | PN 12 40 R0 | 11,5 | 120      | 40  | 3-5     | 20  | 0,830 |
| CAP 42RN                | PN 12 60 R0 | 20   | 120      | 60  | 2-4     | 20  | 0,590 |
| CAP 44RN                | PN 12 80 R0 | 25   | 120      | 80  | 2-3     | 10  | 0,830 |
| CAP 45RN                | PN 14 80 R0 | 14   | 140      | 80  | 2-4,5   | 10  | 0,700 |
| CAP 45/1RN              | PN 15 50 R0 | 28   | 150      | 50  | 2-4     | 10  | 0,700 |
| CAP 46RN                | PN 15 10 R0 | 27   | 150      | 100 | 3-8     | 10  | 0,910 |





## CAVO ANTICADUTA

| Articolo - Article      |             | L   |    |     |
|-------------------------|-------------|-----|----|-----|
| Riferimento - Reference |             | mm  | N° |     |
| CAVO 1                  | IZ 30 06 00 | 300 | 20 | 6,8 |
| CAVO 2                  | IZ 50 06 00 | 500 | 20 | 7,7 |
| CAVO 3                  | IZ 70 06 00 | 700 | 20 | 8,4 |

**I** Cavo anticaduta in acciaio zincato  $\varnothing$  6x133 fili e protezione con guaina in PVC (retrattile), necessario per la marcatura CE dei cancelli a battente (UNI EN 12604:2002) peso massimo sopportabile di 1800 kg.

**UK** Fall protection galvanized steel cable  $\varnothing$  6x133 wires and (retractile) PVC sheathing, needed for CE certification of wing gates (UNI EN 12604:2002). Maximum load 1800kg.

**D** Fall-Schutz verzinkter stahl Kable  $\varnothing$  6x133 Schnüre und (einziehbar) PVC Ummantelung, für CE Zertifizierung von Flügeltüre (UNI EN 12604:2002) maximale Tragkraft 1800 kg.

**F** Cable anti-chute en acier zingué,  $\varnothing$  6x133, fils et protection avec gaine PVC (rétractile), nécessaire pour le marquage CE des grilles à battant (UNI EN 12604:2002) 1800kg au maximum.

**E** Cable anticaída en acero cincado  $\varnothing$  6x133 hilos y protección con vaina en PVC (retráctil), necesario para la marca CE de las cancelas de batiente (UNI EN 12604:2002) peso máximo soportable 1800 kg.

**RUS** Кабель антиуклонный из оцинкованной стали  $\varnothing$  6x133, провод защищен поливинилхлоридом, необходимым при маркировке CE створчатых ворот (UNI EN 12604:2002), максимально переносимый вес 1800 кг.