



**CFO**

# TASSELLI PER CARTONGESSO E FORATO ANCHORS FOR PLASTBOARD AND HOLLOW MATERIALS CHEVILLES POUR MATERIAUX CREUX ET PLACOPLATRE DÜBEL FÜR LOCHMATERIALEN UND GIPSKARTON



**CG**

Con vite > With screw  
Avec vis > Mit Schraube



**TC-V**

Tassello per cartongesso in nylon e zama con vite  
Anchor for plastboard in nylon and zamak with screw  
Cheville nylon et zamak pour placoplatre avec vis  
Nylon-und Zamakdübel für Gipskarton mit Schraube



**MT 83**

**GP 01**



Pinze professionali per tasselli GC  
Professional tongs for CG anchors



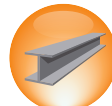
**VPC**

Viti fosfatate per cartongesso  
Screws for plastboard  
Vis pour placoplatre  
Schrauben für Gipskarton



**AP-TL**

Viti autoporforanti zincate bianche con testa larga a croce  
Selfdrilling screws white galvanised with large head cross  
Autoforeuse large tête à croix  
Selbstdurchbohrer mit Großem Kopf



Viti autoporforanti > Self drilling screws  
MAX 3 mm > AP-TL 4.2 Rif. UNI 7323-74/7 - DIN 7504



**GAS-B**

Per fissaggio su Gas Beton.  
Installazione con chiave a brugola  
Fixings on Gas Beton  
Pour fixation sur Gasbeton  
Für Gasbeton Befestigungen



**SPE**

Spessori per serramenti  
Claps spacers for frames  
Epaisseurs pour batis  
Dicken für Fenster und Türflügel

## > Materiale > Material > Matériel > Material



Acciaio zincato bianco  
White zinc plated steel  
Acier zingué blanc  
Blau/Weiß Verzinkter Stahl



Zama > Zamac > Zamak

## > Applicazioni > Applications > Applications > Anwendungen



Edilizia Civile Leggera  
Light Building Construction  
Construction Civile Légère  
Leichtes Zivilbauwesen



Edilizia Industriale Leggera  
Light Industrial Construction  
Construction Industriel Légère  
Leichtes Industriebauwesen



Settore Elettrico Leggero  
Light Electricity Area  
Secteur Electricité Legère  
Leichtes Elektrizitätswesen



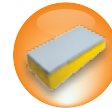
Settore Idraulico e Lattoneria  
Hydraulic and Tilling Area  
Secteur Hydraulique et Ferblanterie  
Leicht Hydraulikwesen und Blecharbeiten



Ambiente Urbano  
Medio Inquinamento  
Middle Urban Pollution  
Moyenne Pollution en Ville  
Mittlere Stadtverschmutzung



Gasbeton  
Gasbeton  
Gasbeton  
Gasbeton



Cartongesso  
Plaster board  
Placoplatre  
Gipskarton



# SCHEDA TECNICA TECHNICAL DATA SHEET FICHE TECHNIQUE TECHNISCHES DATENBLATT

## > Dati tecnici > Technical data > Données techniques > Technische Angaben

|          |                       |                                                                                                                      |
|----------|-----------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>D</b> | d [mm]                | Diametro filettatura > Thread diameter > Diamètre du filetage > Gewindedurchmesser                                   |
| <b>L</b> | dxL [mm x mm]         | Diametro filettatura x lunghezza > Thread diameter x length > Diamètre du filetage x longueur > Gewinde x Dübellänge |
| <b>E</b> | Ø <sub>int</sub> [mm] | Diametro interno > Inside diameter > Diamètre intérieur > Innendurchmesser                                           |
| <b>N</b> | d <sub>nom</sub> [mm] | Diametro esterno > Outside diameter > Diamètre externe > Außendurchmesser                                            |
| <b>G</b> | t <sub>fix</sub> [mm] | Spessore fissabile (max) > Fixture thickness (max) > Épaisseur fixable (max) > Max. Anbauteildicke                   |
| <b>L</b> | Sp [mm]               | Spessore parete > Wall Thickness > Épaisseur du mur > Anbauteildicke Wand                                            |
| <b>E</b> | L [mm]                | Lunghezza totale > Total length > Longueur totale > Total Länge                                                      |
| <b>D</b> | d x Lv [mm]           | Vite Ø x lunghezza > Screw Ø x length > Vis Ø x longueur > Schraube Ø x Länge                                        |

### CG



Con vite > With screw  
Avec vis > Mit Schraube



| CODICE<br>CODE | ARTICOLO<br>ITEM | Ø FILETTATURA<br>THREAD Ø | Ø FILETTATURA X LUNG.<br>THREADED Ø X LENGTH | Ø ESTERNO<br>OUTSIDE Ø | SPESSORE PARETE<br>WALL THICKNESS | Nr. |
|----------------|------------------|---------------------------|----------------------------------------------|------------------------|-----------------------------------|-----|
|                | <b>CG</b>        | d [mm]                    | d x L                                        | d <sub>nom</sub> [mm]  | Sp [mm]                           | Nr. |
| 713010         | CG 8-32          | M4                        | M4 x 38                                      | 8                      | 3 - 14                            | 100 |
| 713020         | CG 11-37         | M5                        | M5 x 43                                      | 11                     | 6 - 13                            | 100 |
| 713030         | CG 11-52         | M5                        | M5 x 57                                      | 11                     | 3 - 16                            | 50  |
| 713040         | CG 11-65         | M5                        | M5 x 70                                      | 11                     | 16 - 32                           | 50  |
| 713050         | CG 13-37         | M6                        | M6 x 43                                      | 13                     | 6 - 13                            | 50  |
| 713060         | CG 13-52         | M6                        | M6 x 57                                      | 13                     | 3 - 16                            | 50  |
| 713070         | CG 13-65         | M6                        | M6 x 70                                      | 13                     | 16 - 32                           | 50  |

### MT 83



| CODICE<br>CODE | ARTICOLO<br>ITEM | Nr. |
|----------------|------------------|-----|
| 720699         | MT 83            | 1   |
| 720701         | GP 01            | 1   |



### GP 01

### GAS-B



Per fissaggio su Gas Beton. Installazione con chiave a brugola  
Fixings on Gas Beton > Pour fixation sur Gasbeton  
Für Gasbeton Befestigungen



| CODICE<br>CODE | ARTICOLO<br>ITEM | Ø ESTERNO<br>OUTSIDE Ø | LUNGHEZZA TOTALE<br>TOT LENGTH | Ø INTERNO<br>INSIDE Ø | VITE Ø X LUNGHEZZA<br>SCREW Ø X LENGTH | Nr. |
|----------------|------------------|------------------------|--------------------------------|-----------------------|----------------------------------------|-----|
|                | <b>GAS - B</b>   | d <sub>nom</sub> [mm]  | L [mm]                         | Ø <sub>int</sub> [mm] | d x Lv [mm]                            | Nr. |
| 713306         | GAS - B6         | 10                     | 60                             | 6                     | -                                      | 100 |
| 713308         | GAS - B8         | 12                     | 70                             | 8                     | -                                      | 100 |
| 713310         | GAS - B10        | 14                     | 80                             | 10                    | -                                      | 100 |



## TC-V

ZAMA



| CODICE<br>CODE | ARTICOLO<br>ITEM    |     |
|----------------|---------------------|-----|
|                | TC - V              | Nr. |
| 713234         | TCN-V 3 x 25 nylon  | 100 |
| 713235         | TCZ-V 4,5 x 35 zama | 100 |

Tassello per cartongesso in nylon e zama con vite  
Anchor for plastboard in nylon and zamak with screw  
Cheville nylon et zamak pour placoplatre avec vis  
Nylon-und Zamakdübel für Gipskarton mit Schraube

## VPC



Viti fosfatate per cartongesso > Screws for plastboard  
Vis pour placoplatre > Schrauben für Gipskarton



| CODICE<br>CODE | ARTICOLO<br>ITEM | VITE Ø X LUNGHEZZA<br>SCREW Ø X LENGTH |      |
|----------------|------------------|----------------------------------------|------|
|                | VPC              | d x Lv [mm]                            | Nr.  |
| 696100         | VPC 3,5 x 25     | 3,5 x 25                               | 1000 |
| 696102         | VPC 3,5 x 35     | 3,5 x 35                               | 1000 |
| 696101         | VPC 3,5 x 45     | 3,5 x 45                               | 1000 |
| 696200         | VPC 3,5 x 25     | 3,5 x 25                               | 100  |
| 696202         | VPC 3,5 x 35     | 3,5 x 35                               | 100  |

## AP-TL



Viti auto perforanti zincate bianche con testa larga a croce  
Selfdrilling screws white galvanised with large head cross  
Autoforeuse large tete à croix > Selbstdurchbohrer mit Großem Kopf



| CODICE<br>CODE | ARTICOLO<br>ITEM | Ø ESTERNO<br>OUTSIDE Ø | LUNGHEZZA TOTALE<br>TOT LENGTH | Ø INTERNO<br>INSIDE Ø | VITE Ø X LUNGHEZZA<br>SCREW Ø X LENGTH |      |
|----------------|------------------|------------------------|--------------------------------|-----------------------|----------------------------------------|------|
|                | AP - TL          | d <sub>nom</sub> [mm]  | L [mm]                         | Ø <sub>int</sub> [mm] | d x Lv [mm]                            | Nr.  |
| 696107         | AP-TL 4,2 x 13   | -                      | -                              | -                     | 4,2 x 13                               | 1000 |
| 696112         | AP-TL 4,2 x 19   | -                      | -                              | -                     | 4,2 x 19                               | 1000 |
| 696113         | AP-TL 4,2 x 25   | -                      | -                              | -                     | 4,2 x 25                               | 1000 |

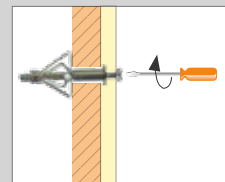
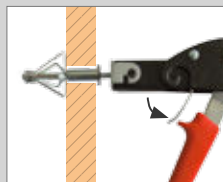
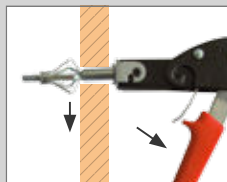
## SPE



Spessori per serramenti  
Claps spacers for frames  
Epaisseurs pour batis  
Dicken für Fenster und Türflügel

| CODICE<br>CODE | ARTICOLO<br>ITEM                    | SPESSORE<br>THICKNESS |      |
|----------------|-------------------------------------|-----------------------|------|
|                | SPE                                 | L [mm]                | Nr.  |
| 650070         | SPE Bianco > White > Blanc > Weiß ● | 2                     | 1000 |
| 650071         | SPE Grigio > Grey > Gris > Grau ○   | 3                     | 800  |
| 650072         | SPE Nero > Black > Noir > Schwarz ● | 5                     | 500  |

PROCEDURA DI INSTALLAZIONE  
INSTALLATION PROCEDURE  
PROCÉDURE D'INSTALLATION  
INSTALLATIONSVERFAHREN





# SCHEDA TECNICA TECHNICAL DATA SHEET FICHE TECHNIQUE TECHNISCHES DATENBLATT

## > Dati installazione > Installation data > Données de installation > Installationsangaben

|          |                |                                                                                                                                                    |
|----------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>D</b> | $h_{min}$ [mm] | Spessore minimo del supporto > Minimum thickness of base material > Épaisseur minimal du matière base > Mindestbauteildicke                        |
| <b>N</b> | $d_0$ [mm]     | Diametro foro > Hole diameter > Diamètre du trou > Bohrenendurchmesser                                                                             |
| <b>E</b> | $h_1$ [mm]     | Profondità del foro > Hole depth > Profondeur du trou > Bohrlochtiefe                                                                              |
| <b>G</b> | $h_{nom}$ [mm] | Profondità di inserimento > Embedment depth > Profondeur d'enfocé > Setztiefe                                                                      |
| <b>E</b> | $h_{ef}$ [mm]  | Profondità effettiva ancoraggio > Effective anchorage depth > Profondeur efficace d'ancrage > Effektive Verankerungstiefe                          |
| <b>L</b> | $d_r$ [mm]     | Diametro foro spessore fissabile > Diameter of clearance hole in the fixture > Diamètre du trou de épaisseur fixable > Durchgangsloch im Anbauteil |

### CG



Con vite > With screw  
Avec vis > Mit Schraube



| CODICE<br>CODE | ARTICOLO<br>ITEM | DIAM. FORO<br>HOLE DIAM. | PROFONDITÀ DEL FORO<br>HOLE DEPTH | PROFONDITÀ DI INSERIMENTO<br>EMBEDMENT DEPTH | DIAM. FORO SPESSORE FISSABILE<br>DIAM. CLEARANCE HOLE IN THE FIXTURE |
|----------------|------------------|--------------------------|-----------------------------------|----------------------------------------------|----------------------------------------------------------------------|
|                | <b>CG</b>        | $d_0$ [mm]               | $h_1$ [mm]                        | $h_{nom}$ [mm]                               | $d_r$ [mm]                                                           |
| 713010         | CG 8-32          | 8                        | 3-14                              | 32                                           | 5                                                                    |
| 713020         | CG 11-37         | 11                       | 6-13                              | 37                                           | 6                                                                    |
| 713030         | CG 11-52         | 11                       | 3-16                              | 52                                           | 6                                                                    |
| 713040         | CG 11-65         | 11                       | 16-32                             | 65                                           | 6                                                                    |
| 713050         | CG 13-37         | 13                       | 6-13                              | 37                                           | 7                                                                    |
| 713060         | CG 13-52         | 13                       | 3-16                              | 52                                           | 7                                                                    |
| 713070         | CG 13-65         | 13                       | 16-32                             | 65                                           | 7                                                                    |

### GAS-B



Per fissaggio su Gas Beton. Installazione con chiave a brugola  
Fixings on Gas Beton > Pour fixation sur Gasbeton  
Für Gasbeton Befestigungen



| CODICE<br>CODE | ARTICOLO<br>ITEM | SPESSORE MIN SUPPORTO<br>MIN THICKNESS BASE<br>MATERIAL | DIAM. FORO<br>HOLE DIAM. | PROFONDITÀ DEL FORO<br>HOLE DEPTH | PROFONDITÀ DI<br>INSERIMENTO<br>EMBEDMENT DEPTH | PROFONDITÀ EFFETTIVA<br>ANCORAGGIO<br>EFFECTIVE ANCHORAGE DEPTH | DIAM. FORO SPESSORE FISSABILE<br>DIAM. CLEARANCE HOLE<br>IN THE FIXTURE |
|----------------|------------------|---------------------------------------------------------|--------------------------|-----------------------------------|-------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------|
|                | <b>G A S - B</b> | $h_{min}$ [mm]                                          | $d_0$ [mm]               | $h_1$ [mm]                        | $h_{nom}$ [mm]                                  | $h_{ef}$ [mm]                                                   | $d_r$ [mm]                                                              |
| 713306         | GAS - B6         | 100                                                     | 10                       | 60                                | 50                                              | 50                                                              | 7 (M6)                                                                  |
| 713308         | GAS - B8         | 100                                                     | 12                       | 70                                | 60                                              | 60                                                              | 9 (M8)                                                                  |
| 713310         | GAS - B10        | 100                                                     | 14                       | 80                                | 70                                              | 70                                                              | 11 (M10)                                                                |

**NOTA.** Dati tecnici, di installazione e di carico possono essere oggetto di revisione. Per una versione aggiornata consultare le schede tecniche sul sito [www.bossong.com](http://www.bossong.com) o contattare il nostro Ufficio Tecnico.

**WARNING.** Installation and loads technical data can be modified by us. For update technical data sheet see [www.bossong.com](http://www.bossong.com) or be in contact with our Technical Office.

**NOTE.** Données techniques, d'installation et de charge peuvent être objet de révision. Pour une version mise à jour, consulter les fiches techniques dans le site internet [www.bossong.com](http://www.bossong.com) ou contacter notre Bureau Technique.

**ANMERKUNG.** Technische Daten, Installationsangaben und Lastdaten können modifiziert werden. Für die aktualisierte Version sind die technischen Blätter auf der Webseite [www.bossong.com](http://www.bossong.com) nachzuschauen, oder unser Technisches Büro soll konsultiert werden.

# **SCHEDA TECNICA** **TECHNICAL DATA SHEET** **FICHE TECHNIQUE** **TECHNISCHES DATENBLATT**



## > **Dati carico > Load data > Données de charge > Lastdaten**

### **LEGEND**

$F_{rec}$  [kN]

Carico ammissibile

Admissible load

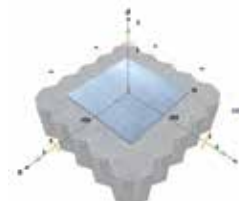
Charge admissible

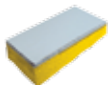
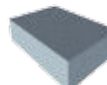
Zulässige Lasten

> Coefficiente di sicurezza globale incluso  
 > General safety factor included  
 > Coefficient de sécurité générale inclu  
 > Generelle Sicherheitskoeffizient inbegriffen

> 1kN = 100 Kg

> Coefficiente lato carichi utilizzato = 1,4  
 > Load increasing safety coefficient used = 1,4  
 > Coefficient côté charge utilisé = 1,4  
 > Verwendeter Lasterhöhungssicherheitskoeffizient = 1,4



|                  | <b>Cartongesso</b><br><b>Plaster board</b><br><b>Placoplatre</b><br><b>Gipskarton</b> |  | <b>Gasbeton</b><br><b>Gasbeton</b><br><b>Gasbeton</b><br><b>Gasbeton</b> |  |
|------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ARTICOLO<br>ITEM | CARICO AMMISSIBILE<br>ADMISSIBLE LOAD                                                 |                                                                                   | CARICO AMMISSIBILE<br>ADMISSIBLE LOAD                                    |                                                                                     |
|                  | $F_{rec}$ [kN]                                                                        |                                                                                   | $F_{rec}$ [kN]                                                           |                                                                                     |
| <b>CG 8</b>      | 0,08                                                                                  |                                                                                   | -                                                                        |                                                                                     |
| <b>CG 11</b>     | 0,12                                                                                  |                                                                                   | -                                                                        |                                                                                     |
| <b>CG 13</b>     | 0,16                                                                                  |                                                                                   | -                                                                        |                                                                                     |
| <b>GAS-B 6</b>   | -                                                                                     |                                                                                   | 0,15                                                                     |                                                                                     |
| <b>GAS-B 8</b>   | -                                                                                     |                                                                                   | 0,20                                                                     |                                                                                     |
| <b>GAS-B 10</b>  | -                                                                                     |                                                                                   | 0,30                                                                     |                                                                                     |