



**JNL**

**PER LATTONERIA > FOR TILLING**  
**POUR FERBLATERIE > FÜR BLECHARBEITEN**



**JNL-BOI**

Con vite e borchia INOX > With screw and stud stainless steel Ø 18 mm  
Avec vis et bossette ACIER INOX > Mit Edelstahl-Schraube und Buckel Ø 18 mm



**JNL-BOR**

Con vite e borchia RAME > With screw and stud Copper Ø 18 mm  
Avec vis et bossette CUIVRE > Mit Kupper-Schraube und Buckel Ø 18 mm



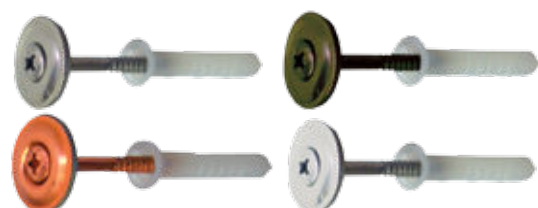
**JNL-BOTDM**

Con vite e borchia testa di moro > With screw and stud browned head Ø 18 mm  
Avec vis et bossette tete de negre > Mit Dunkelbraunen Schraube und Buckel Ø 18 mm



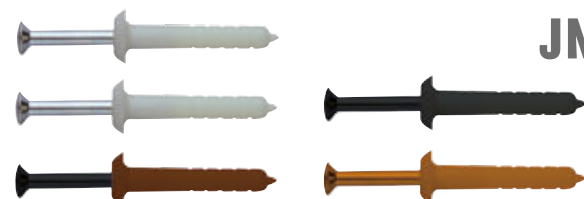
**JNL-BOBG**

Con vite e borchia bianco grigio > With screw and stud white gray head Ø 18 mm  
Avec vis et bossette blanc gris > Mit Weisser und Grauer Schraube und Buckel Ø 18 mm



**JNL**

Con vite e borchia Inox, ramata, testa di moro e bianco-grigio Ø 20 mm  
With screw and stud inox, coppred, browned head and white-gray Ø 20 mm  
Avec vis et bossette Inox, cuivrée, tete de negre et blanc-gris Ø 20 mm  
Mit Dunkelbraunen, Inox, Kupper Schraube, Buckel und Weiß-Grau Ø 20 mm



**JNL**

Testa bombata > Rounded head Ø 13 mm  
Tete bombée > Rundkopf Ø 13 mm



**BNL-EC**

Testa bombata > Rounded head Ø 13 mm  
Tete bombée > Rundkopf Ø 13 mm



**JNH**

Testa piatta > Flat haed > Tete plate > Flachkopf Ø 13 mm

> **Materiale** > **Material** > **Matériel** > **Material**



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



Inox A2 AISI 304  
Stainless Steel



Rame  
Copper  
Cuivre  
Kupfer





# SCHEDA TECNICA TECHNICAL DATA SHEET FICHE TECHNIQUE TECHNISCHES DATENBLATT

## > Applicazioni > Applications > Applications > Anwendungen



Edilizia Civile Leggera  
Light Building Construction  
Construction Civile Legère  
Leichtes Zivilbauwesen



Edilizia Industriale Leggera  
Light Industrial Construction  
Construction Industriel Legère  
Leichtes Industriebauwesen



Settore Elettrico Leggero  
Light Electricity Area  
Secteur Electricité Legère  
Leichtes Elektrischenwesen



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



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



Calcestruzzo C20/25  
Concrete C20/25  
Beton C20/25  
Beton C20/25



Presenza d'acqua  
Water in place  
Eau sur place  
Wasser in Platz



Mattone pieno  
Solid Brick  
Brique pleine  
Vollmauerwerk

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

### LEGEND

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| d <sub>nom</sub> [mm] | Diametro esterno > Outside diameter > Diamètre externe > Außendurchmesser                          |
| L [mm]                | Lunghezza totale > Total length > Longueur > Totallänge                                            |
| t <sub>fix</sub> [mm] | Spessore fissabile (max) > Fixture thickness (max) > Épaisseur fixable (max) > Max. Anbauteildicke |

## JNL-BOI



Con vite e borchia INOX > With screw and stud stainless steel  
Avec vis et bossette ACIER INOX > Mit Edelstahl-Schraube und Buckel



| CODICE<br>CODE | ARTICOLO<br>ITEM | Ø ESTERNO<br>EXTERNAL Ø | LUNGH.TOT.<br>TOT LENGTH | SPESS. FISS. MAX<br>MAX FIX. THICK. |     |
|----------------|------------------|-------------------------|--------------------------|-------------------------------------|-----|
|                | JNL-BOI          | d <sub>nom</sub> [mm]   | L [mm]                   | t <sub>fix</sub> [mm]               | Nr. |
| 701652         | JNL 30 BOI inox  | 6                       | 30                       | 1,2                                 | 200 |
| 701654         | JNL 40 BOI inox  | 6                       | 40                       | 5                                   | 200 |
| 701655         | JNL 50 BOI inox  | 6                       | 50                       | 15                                  | 200 |
| 701656         | JNL 60 BOI inox  | 6                       | 60                       | 25                                  | 200 |
| 701661         | JNL 80 BOI inox  | 6                       | 80                       | 45                                  | 200 |
| 701662         | JNL 100 BOI inox | 6                       | 100                      | 65                                  | 200 |

## JNL-BOR



Con vite e borchia RAME > With screw and stud COPPER  
Avec vis et bossette CUIVRE > Mit KUPFER-Schraube und Buckel



|        | JNL-BOR           | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr. |
|--------|-------------------|-----------------------|--------|-----------------------|-----|
| 701642 | JNL 30 BOR rame   | 6                     | 30     | 1,2                   | 200 |
| 701644 | JNL 40 BOR copper | 6                     | 40     | 5                     | 200 |
| 701645 | JNL 50 BOR rame   | 6                     | 50     | 15                    | 200 |
| 701646 | JNL 60 BOR copper | 6                     | 60     | 25                    | 200 |
| 701648 | JNL 80 BOR copper | 6                     | 80     | 40                    | 200 |

## JNL-BOTDM



Con vite e borchia testa di moro > With screw and stud browned head  
Avec vis et bossette tete de negre > Mit Dunkelbraunen Schraube und Buckel



|        | JNL-BOTDM     | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr. |
|--------|---------------|-----------------------|--------|-----------------------|-----|
| 701653 | JNL 30 BOTDM  | 6                     | 30     | 1,2                   | 200 |
| 701649 | JNL 40 BOTDM  | 6                     | 40     | 5                     | 200 |
| 701650 | JNL 50 BOTDM  | 6                     | 50     | 15                    | 200 |
| 701651 | JNL 60 BOTDM  | 6                     | 60     | 25                    | 200 |
| 701640 | JNL 80 BOTDM  | 6                     | 80     | 45                    | 200 |
| 701641 | JNL 100 BOTDM | 6                     | 100    | 65                    | 200 |

## JN



Con vite e borchia Inox, ramata, testa di moro e bianco-grigio  
With screw and stud inox, coppred, browned head and white-gray  
Avec vis et bossette Inox, cuivrée, tete de negre et blanc-gris  
Mit Dunkelbraunen, Inox, Kupper Schraube, Buckel und Weiß-Grau



|        | JN           |   | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr. |
|--------|--------------|---|-----------------------|--------|-----------------------|-----|
| 701670 | JN 38 RI     | ○ | 6                     | 38     | 4                     | 200 |
| 701671 | JN 38 RI R   | ● | 6                     | 38     | 4                     | 200 |
| 701672 | JN 38 RI TDM | ● | 6                     | 38     | 4                     | 200 |
| 701673 | JN 38 RI BG  | ○ | 6                     | 38     | 4                     | 200 |



## JNL-BOBG



Con vite e borchia bianco grigio > With screw and stud white gray head  
Avec vis et bossette blanc gris > Mit Weissner und Grauer Schraube und Buckel



| CODICE<br>CODE | ARTICOLO<br>ITEM | Ø ESTERNO<br>EXTERNAL Ø | LUNGH.TOT.<br>TOT LENGTH | SPESS. FISS. MAX<br>MAX FIX. THICK. |     |
|----------------|------------------|-------------------------|--------------------------|-------------------------------------|-----|
|                | <b>JNL-BOI</b>   | d <sub>nom</sub> [mm]   | L [mm]                   | t <sub>fix</sub> [mm]               | Nr. |
| 701639         | JNL 40 BOBG      | 6                       | 40                       | 5                                   | 200 |

## JNL



Testa bombata > Rounded head  
Tete bombée > Rundkopf

○ bianco > white > blanc > weiß



| CODICE<br>CODE | ARTICOLO<br>ITEM | VITE<br>SCREW | TASSELLO PLAST.<br>PLASTIC SLEEVE | Ø ESTERNO<br>OUTSIDE Ø | LUNGH.TOT.<br>TOT LENGTH | SPESS. FISS.<br>MAX FIX. THICK. |      |
|----------------|------------------|---------------|-----------------------------------|------------------------|--------------------------|---------------------------------|------|
|                | <b>JNL</b>       |               | colore > color                    | d <sub>nom</sub> [mm]  | L [mm]                   | t <sub>fix</sub> [mm]           | Nr.  |
| 701602         | JNL 5/25 B       |               | ○                                 | 5                      | 25                       | 1,2                             | 2000 |
| 701603         | JNL 25 B         |               | ○                                 | 6                      | 25                       | 1,2                             | 1000 |
| 701604         | JNL 40 B         |               | ○                                 | 6                      | 40                       | 10                              | 1000 |
| 701605         | JNL 50 B         |               | ○                                 | 6                      | 50                       | 20                              | 200  |
| 701606         | JNL 60 B         |               | ○                                 | 6                      | 60                       | 30                              | 200  |
| 701607         | JNL 80 B         |               | ○                                 | 6                      | 80                       | 50                              | 200  |
| 701608         | JNL 100 B        |               | ○                                 | 6                      | 100                      | 70                              | 200  |



Testa bombata > Rounded head  
Tete bombée > Rundkopf

○ bianco > white > blanc > weiß



|        | <b>BNL-EC</b> |  | colore > color | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr. |
|--------|---------------|--|----------------|-----------------------|--------|-----------------------|-----|
| 701594 | BNL-EC 6X40   |  | ○              | 6                     | 40     | 10                    | 200 |
| 701595 | BNL-EC 6X50   |  | ○              | 6                     | 50     | 20                    | 100 |
| 701596 | BNL-EC 6X60   |  | ○              | 6                     | 60     | 30                    | 100 |



Testa bombata > Rounded head  
Tete bombée > Rundkopf

○ bianco > white > blanc > weiß



|        | <b>JNL</b>    |  | colore > color | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr.  |
|--------|---------------|--|----------------|-----------------------|--------|-----------------------|------|
| 701554 | JNL 40 B inox |  | ○              | 6                     | 40     | 10                    | 1000 |
| 701555 | JNL 50 B inox |  | ○              | 6                     | 50     | 20                    | 200  |
| 701556 | JNL 60 B inox |  | ○              | 6                     | 60     | 30                    | 200  |



Testa bombata > Rounded head  
Tete bombée > Rundkopf

● testa di moro > black head > tete de negre > dunkelbraun  
● nero > black > noir > blau



|        | <b>JNL</b> |   | colore > color | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr.  |
|--------|------------|---|----------------|-----------------------|--------|-----------------------|------|
| 701613 | JNL 40 TDM | ● | ●              | 6                     | 40     | 10                    | 1000 |



Testa bombata > Rounded head  
Tete bombée > Rundkopf

● nero > black > noir > blau



|        | <b>JNL</b> |   | colore > color | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr.  |
|--------|------------|---|----------------|-----------------------|--------|-----------------------|------|
| 701614 | JNL 40 N   | ● | ●              | 6                     | 40     | 10                    | 1000 |
| 701615 | JNL 50 N   | ● | ●              | 6                     | 50     | 20                    | 200  |
| 701616 | JNL 60 N   | ● | ●              | 6                     | 60     | 30                    | 200  |



Testa bombata > Rounded head  
Tete bombée > Rundkopf

● rame > copper > cuivre > kupper



|        | <b>JNL</b> |   | colore > color | d <sub>nom</sub> [mm] | L [mm] | t <sub>fix</sub> [mm] | Nr.  |
|--------|------------|---|----------------|-----------------------|--------|-----------------------|------|
| 701633 | JNL 30 R   | ▲ | ●              | 6                     | 30     | 1,2                   | 1000 |
| 701634 | JNL 40 R   | ▲ | ●              | 6                     | 40     | 10                    | 1000 |
| 701635 | JNL 50 R   | ▲ | ●              | 6                     | 50     | 20                    | 200  |
| 701636 | JNL 60 R   | ▲ | ●              | 6                     | 60     | 30                    | 200  |
| 701638 | JNL 80 R   | ▲ | ●              | 6                     | 80     | 50                    | 200  |



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

## JNH



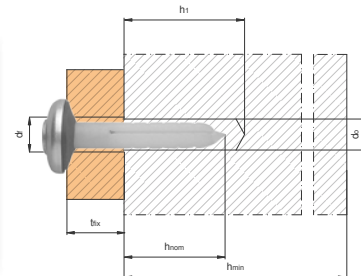
Testa piatta > Flat head > Tete plate > Flachkopf



| CODICE CODE | ARTICOLO ITEM | Ø ESTERNO EXTERNAL Ø  | LUNGH. TOT. TOT LENGTH | SPESS. FISS. MAX MAX FIX. THICK. |      |
|-------------|---------------|-----------------------|------------------------|----------------------------------|------|
|             | JNH           | d <sub>nom</sub> [mm] | L [mm]                 | t <sub>fix</sub> [mm]            | Nr.  |
| 701623      | JNH 530       | 5                     | 30                     | 5                                | 2000 |
| 701622      | JNH 545       | 5                     | 45                     | 15                               | 1000 |
| 701624      | JNH 640       | 6                     | 40                     | 10                               | 1000 |
| 701625      | JNH 650       | 6                     | 50                     | 20                               | 200  |
| 701626      | JNH 660       | 6                     | 60                     | 30                               | 200  |
| 701627      | JNH 670       | 6                     | 70                     | 40                               | 200  |
| 701628      | JNH 680       | 6                     | 80                     | 50                               | 200  |
| 701630      | JNH 6100      | 6                     | 100                    | 70                               | 200  |
| 701855      | JNH 845       | 8                     | 45                     | 5                                | 100  |
| 701865      | JNH 860       | 8                     | 60                     | 20                               | 100  |
| 701870      | JNH 875       | 8                     | 75                     | 35                               | 100  |
| 701871      | JNH 880       | 8                     | 80                     | 40                               | 100  |
| 701873      | JNH 8100      | 8                     | 100                    | 60                               | 100  |
| 701874      | JNH 8120      | 8                     | 120                    | 80                               | 100  |

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

|                |                       |                                                                                                                                                     |
|----------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEGENDA</b> | h <sub>min</sub> [mm] | Spessore minimo del supporto > Minimum thickness of base material > Épaisseur minimal du matière base > Mindestbauteildicke                         |
|                | d <sub>o</sub> [mm]   | Diametro foro > Hole diameter > Diamètre du trou > Bohrennendurchmesser                                                                             |
|                | h <sub>1</sub> [mm]   | Profondità del foro > Hole depth > Profondeur du trou > Bohrlochtiefe                                                                               |
|                | h <sub>nom</sub> [mm] | Profondità di inserimento > Embedment depth > Profondeur d'enfocé > Setztiefe                                                                       |
|                | h <sub>ef</sub> [mm]  | Profondità effettiva ancoraggio > Effective anchorage depth > Profondeur efficace d'ancrage > Effektive Verankerungstiefe                           |
|                | d <sub>r</sub> [mm]   | Diametro foro spessore fissabile > Diameter of clearance hole in the fixture<br>Diamètre du trou de épaisseur fixable > Durchgangsloch im Anbauteil |



## JNL-BOI



Con vite e borchia INOX > With screw and stud stainless steel  
 Avec vis et bossette ACIER INOX > Mit Edelstahl-Schraube und Buckel



| CODICE CODE | ARTICOLO ITEM    | SPESSORE MIN SUPPORTO MIN THICKNESS BASE MATERIAL | DIAM. FORO HOLE DIAM. | PROFONDITÀ DEL FORO HOLE DEPTH | PROFONDITÀ DI INSERIMENTO EMBEDMENT DEPTH | PROFONDITÀ EFFETTIVA ANCORAGGIO EFFECTIVE ANCHORAGE DEPTH | DIAM. FORO SPESSORE FISSABILE DIAM. CLEARANCE HOLE IN THE FIXTURE |
|-------------|------------------|---------------------------------------------------|-----------------------|--------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|
|             | JNL-BOI          | h <sub>min</sub> [mm]                             | d <sub>o</sub> [mm]   | h <sub>1</sub> [mm]            | h <sub>nom</sub> [mm]                     | h <sub>ef</sub> [mm]                                      | d <sub>r</sub> [mm]                                               |
| 701652      | JNL 30 BOI inox  | 60                                                | 6                     | 35                             | 28                                        | 28                                                        | 6                                                                 |
| 701654      | JNL 40 BOI inox  | 60                                                | 6                     | 40                             | 35                                        | 35                                                        | 6                                                                 |
| 701655      | JNL 50 BOI inox  | 60                                                | 6                     | 40                             | 35                                        | 35                                                        | 6                                                                 |
| 701656      | JNL 60 BOI inox  | 60                                                | 6                     | 40                             | 35                                        | 35                                                        | 6                                                                 |
| 701661      | JNL 80 BOI inox  | 60                                                | 6                     | 40                             | 35                                        | 35                                                        | 6                                                                 |
| 701662      | JNL 100 BOI inox | 60                                                | 6                     | 40                             | 35                                        | 35                                                        | 6                                                                 |

## JNL-BOR



Con vite e borchia RAME > With screw and stud COPPER  
 Avec vis et bossette CUIVRE > Mit KUPPER-Schraube und Buckel



|        | JNL-BOR           | h <sub>min</sub> [mm] | d <sub>o</sub> [mm] | h <sub>1</sub> [mm] | h <sub>nom</sub> [mm] | h <sub>ef</sub> [mm] | d <sub>r</sub> [mm] |
|--------|-------------------|-----------------------|---------------------|---------------------|-----------------------|----------------------|---------------------|
| 701642 | JNL 30 BOR rame   | 60                    | 6                   | 45                  | 35                    | 35                   | 6                   |
| 701644 | JNL 40 BOR copper | 60                    | 6                   | 45                  | 35                    | 35                   | 6                   |
| 701645 | JNL 50 BOR rame   | 60                    | 6                   | 45                  | 35                    | 35                   | 6                   |
| 701646 | JNL 60 BOR copper | 60                    | 6                   | 45                  | 35                    | 35                   | 6                   |
| 701648 | JNL 80 BOR copper | 60                    | 6                   | 50                  | 40                    | 40                   | 6                   |



## JNL-BOTDM

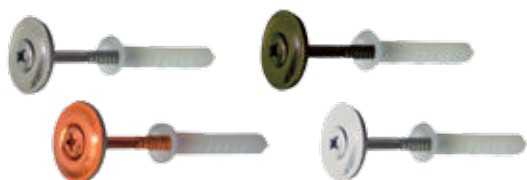


Con vite e borchia testa di moro > With screw and stud browned head  
Avec vis et bossette tete de negre > Mit Dunkelbraunen Schraube und Buckel



| CODICE CODE | ARTICOLO ITEM    | SPESSORE MIN SUPPORTO MIN THICKNESS BASE MATERIAL | DIAM. FORO HOLE DIAM. | PROFONDITÀ DEL FORO HOLE DEPTH | PROFONDITÀ DI INSERIMENTO EMBEDMENT DEPTH | PROFONDITÀ EFFETTIVA ANCORAGGIO EFFECTIVE ANCHORAGE DEPTH | DIAM. FORO SPESSORE FISSABILE DIAM. CLEARANCE HOLE IN THE FIXTURE |
|-------------|------------------|---------------------------------------------------|-----------------------|--------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|
|             | <b>JNL-BOTDM</b> | $h_{min}$ [mm]                                    | $d_0$ [mm]            | $h_1$ [mm]                     | $h_{nom}$ [mm]                            | $h_{ef}$ [mm]                                             | $d_r$ [mm]                                                        |
| 701653      | JNL 30 BOTDM     | 60                                                | 6                     | 38                             | 28                                        | 28                                                        | 6                                                                 |
| 701649      | JNL 40 BOTDM     | 60                                                | 6                     | 45                             | 35                                        | 35                                                        | 6                                                                 |
| 701650      | JNL 50 BOTDM     | 60                                                | 6                     | 45                             | 35                                        | 35                                                        | 6                                                                 |
| 701651      | JNL 60 BOTDM     | 60                                                | 6                     | 45                             | 35                                        | 35                                                        | 6                                                                 |
| 701640      | JNL 80 BOTDM     | 60                                                | 6                     | 45                             | 35                                        | 35                                                        | 6                                                                 |
| 701641      | JNL 100 BOTDM    | 60                                                | 6                     | 45                             | 35                                        | 35                                                        | 6                                                                 |

## JN



Con vite e borchia Inox, ramata, testa di moro e bianco-grigio  
With screw and stud inox, coppred, browned head and white-gray  
Avec vis et bossette Inox, cuivrée, tete de negre et blanc-gris  
Mit Dunkelbraunen, Inox, Kopper Schraube, Buckel und Weiß-Grau



| CODICE CODE | ARTICOLO ITEM | SPESSORE MIN SUPPORTO MIN THICKNESS BASE MATERIAL | DIAM. FORO HOLE DIAM. | PROFONDITÀ DEL FORO HOLE DEPTH | PROFONDITÀ DI INSERIMENTO EMBEDMENT DEPTH | PROFONDITÀ EFFETTIVA ANCORAGGIO EFFECTIVE ANCHORAGE DEPTH | DIAM. FORO SPESSORE FISSABILE DIAM. CLEARANCE HOLE IN THE FIXTURE |
|-------------|---------------|---------------------------------------------------|-----------------------|--------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|
|             | <b>JNL</b>    | $h_{min}$ [mm]                                    | $d_0$ [mm]            | $h_1$ [mm]                     | $h_{nom}$ [mm]                            | $h_{ef}$ [mm]                                             | $d_r$ [mm]                                                        |
| 701670      | JN 38 RI      | 60                                                | 6                     | 45                             | 34                                        | 34                                                        | 6                                                                 |
| 701671      | JN 38 RI R    | 60                                                | 6                     | 45                             | 34                                        | 34                                                        | 6                                                                 |
| 701672      | JN 38 RI TDM  | 60                                                | 6                     | 45                             | 34                                        | 34                                                        | 6                                                                 |
| 701673      | JN 38 RI BG   | 60                                                | 6                     | 45                             | 34                                        | 34                                                        | 6                                                                 |

## JNL-BOBG



Con vite e borchia bianco grigio > With screw and stud white gray head  
Avec vis et bossette blanc gris > Mit Weisser und Grauer Schraube und Buckel



| CODICE CODE | ARTICOLO ITEM | SPESSORE MIN SUPPORTO MIN THICKNESS BASE MATERIAL | DIAM. FORO HOLE DIAM. | PROFONDITÀ DEL FORO HOLE DEPTH | PROFONDITÀ DI INSERIMENTO EMBEDMENT DEPTH | PROFONDITÀ EFFETTIVA ANCORAGGIO EFFECTIVE ANCHORAGE DEPTH | DIAM. FORO SPESSORE FISSABILE DIAM. CLEARANCE HOLE IN THE FIXTURE |
|-------------|---------------|---------------------------------------------------|-----------------------|--------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|
|             | <b>JNL</b>    | $h_{min}$ [mm]                                    | $d_0$ [mm]            | $h_1$ [mm]                     | $h_{nom}$ [mm]                            | $h_{ef}$ [mm]                                             | $d_r$ [mm]                                                        |
| 701639      | JNL 40 BOBG   | 60                                                | 6                     | 45                             | 35                                        | 35                                                        | 6                                                                 |

## JNH



Testa piatta > Flat haed > Tete plate > Flachkopf



| CODICE CODE | ARTICOLO ITEM  | SPESSORE MIN SUPPORTO MIN THICKNESS BASE MATERIAL | DIAM. FORO HOLE DIAM. | PROFONDITÀ DEL FORO HOLE DEPTH | PROFONDITÀ DI INSERIMENTO EMBEDMENT DEPTH | PROFONDITÀ EFFETTIVA ANCORAGGIO EFFECTIVE ANCHORAGE DEPTH | DIAM. FORO SPESSORE FISSABILE DIAM. CLEARANCE HOLE IN THE FIXTURE |
|-------------|----------------|---------------------------------------------------|-----------------------|--------------------------------|-------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------|
|             | <b>JNH</b>     | $h_{min}$ [mm]                                    | $d_0$ [mm]            | $h_1$ [mm]                     | $h_{nom}$ [mm]                            | $h_{ef}$ [mm]                                             | $d_r$ [mm]                                                        |
| 701623      | JNH 530 5x30   | 60                                                | 5                     | 35                             | 25                                        | 25                                                        | 5                                                                 |
| 701622      | JNH 545 5x45   | 60                                                | 5                     | 40                             | 30                                        | 30                                                        | 5                                                                 |
| 701624      | JNH 640 6x40   | 60                                                | 6                     | 40                             | 30                                        | 30                                                        | 6                                                                 |
| 701625      | JNH 650 6x50   | 60                                                | 6                     | 40                             | 30                                        | 30                                                        | 6                                                                 |
| 701626      | JNH 660 6x60   | 60                                                | 6                     | 40                             | 30                                        | 30                                                        | 6                                                                 |
| 701627      | JNH 670 6x70   | 60                                                | 6                     | 40                             | 30                                        | 30                                                        | 6                                                                 |
| 701628      | JNH 680 6x80   | 60                                                | 6                     | 40                             | 30                                        | 30                                                        | 6                                                                 |
| 701630      | JNH 6100 6x100 | 60                                                | 6                     | 40                             | 30                                        | 30                                                        | 6                                                                 |
| 701855      | JNH 845 8x45   | 60                                                | 8                     | 50                             | 40                                        | 40                                                        | 8                                                                 |
| 701865      | JNH 860 8x60   | 60                                                | 8                     | 50                             | 40                                        | 40                                                        | 8                                                                 |
| 701870      | JNH 875 8x75   | 60                                                | 8                     | 50                             | 40                                        | 40                                                        | 8                                                                 |
| 701871      | JNH 880 8x80   | 60                                                | 8                     | 50                             | 40                                        | 40                                                        | 8                                                                 |
| 701873      | JNH 8100 8x100 | 60                                                | 8                     | 50                             | 40                                        | 40                                                        | 8                                                                 |
| 701874      | JNH 8120 8x120 | 60                                                | 8                     | 50                             | 40                                        | 40                                                        | 8                                                                 |



# SCHEDA TECNICA TECHNICAL DATA SHEET FICHE TECHNIQUE TECHNISCHES DATENBLATT

## JNL



Testa bombata > Rounded head  
Tête bombée > Rundkopf



| 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 |
|----------------|------------------|---------------------------------------------------------|--------------------------|-----------------------------------|-------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------|
|                | JNL              | $h_{min}$ [mm]                                          | $d_o$ [mm]               | $h_1$ [mm]                        | $h_{nom}$ [mm]                                  | $h_{ef}$ [mm]                                                   | $d_r$ [mm]                                                              |
| 701602         | JNL 5/25 B       | 60                                                      | 5                        | 35                                | 23                                              | 23                                                              | 5                                                                       |
| 701603         | JNL 25 B         | 60                                                      | 6                        | 35                                | 23                                              | 23                                                              | 6                                                                       |
| 701604         | JNL 40 B         | 60                                                      | 6                        | 40                                | 30                                              | 30                                                              | 6                                                                       |
| 701605         | JNL 50 B         | 60                                                      | 6                        | 40                                | 30                                              | 30                                                              | 6                                                                       |
| 701606         | JNL 60 B         | 60                                                      | 6                        | 40                                | 30                                              | 30                                                              | 6                                                                       |
| 701607         | JNL 80 B         | 60                                                      | 6                        | 40                                | 30                                              | 30                                                              | 6                                                                       |
| 701608         | JNL 100 B        | 60                                                      | 6                        | 40                                | 30                                              | 30                                                              | 6                                                                       |



Testa bombata > Rounded head  
Tête bombée > Rundkopf



|        | BNL-EC      | $h_{min}$ [mm] | $d_o$ [mm] | $h_1$ [mm] | $h_{nom}$ [mm] | $h_{ef}$ [mm] | $d_r$ [mm] |
|--------|-------------|----------------|------------|------------|----------------|---------------|------------|
| 701594 | BNL-EC 6x40 | 60             | 6          | 40         | 30             | 30            | 6          |
| 701595 | BNL-EC 6x50 | 60             | 6          | 40         | 30             | 30            | 6          |
| 701596 | BNL-EC 6x60 | 60             | 6          | 40         | 30             | 30            | 6          |



Testa bombata > Rounded head  
Tête bombée > Rundkopf



|        | JNL           | $h_{min}$ [mm] | $d_o$ [mm] | $h_1$ [mm] | $h_{nom}$ [mm] | $h_{ef}$ [mm] | $d_r$ [mm] |
|--------|---------------|----------------|------------|------------|----------------|---------------|------------|
| 701554 | JNL 40 B inox | 60             | 6          | 40         | 30             | 30            | 6          |
| 701555 | JNL 50 B inox | 60             | 6          | 40         | 30             | 30            | 6          |
| 701556 | JNL 60 B inox | 60             | 6          | 40         | 30             | 30            | 6          |



Testa bombata > Rounded head  
Tête bombée > Rundkopf



|        | JNL        | $h_{min}$ [mm] | $d_o$ [mm] | $h_1$ [mm] | $h_{nom}$ [mm] | $h_{ef}$ [mm] | $d_r$ [mm] |
|--------|------------|----------------|------------|------------|----------------|---------------|------------|
| 701613 | JNL 40 TDM | 60             | 6          | 40         | 30             | 30            | 6          |



Testa bombata > Rounded head  
Tête bombée > Rundkopf



|        | JNL      | $h_{min}$ [mm] | $d_o$ [mm] | $h_1$ [mm] | $h_{nom}$ [mm] | $h_{ef}$ [mm] | $d_r$ [mm] |
|--------|----------|----------------|------------|------------|----------------|---------------|------------|
| 701614 | JNL 40 N | 60             | 6          | 40         | 30             | 30            | 6          |
| 701615 | JNL 50 N | 60             | 6          | 40         | 30             | 30            | 6          |
| 701616 | JNL 60 N | 60             | 6          | 40         | 30             | 30            | 6          |



Testa bombata > Rounded head  
Tête bombée > Rundkopf



|        | JNL      | $h_{min}$ [mm] | $d_o$ [mm] | $h_1$ [mm] | $h_{nom}$ [mm] | $h_{ef}$ [mm] | $d_r$ [mm] |
|--------|----------|----------------|------------|------------|----------------|---------------|------------|
| 701633 | JNL 30 R | 60             | 6          | 38         | 28             | 28            | 6          |
| 701634 | JNL 40 R | 60             | 6          | 40         | 30             | 30            | 6          |
| 701635 | JNL 50 R | 60             | 6          | 40         | 30             | 30            | 6          |
| 701636 | JNL 60 R | 60             | 6          | 40         | 30             | 30            | 6          |
| 701638 | JNL 80 R | 60             | 6          | 40         | 30             | 30            | 6          |

**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

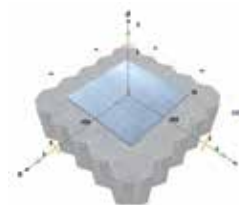
- > Carichi validi per singolo ancorante senza influenza di interasse e distanza dal bordo e  $h \geq 2h_{ef}$
- > Loads for single anchor with no influence of spacing and edge distance and with  $h \geq 2h_{ef}$
- > Charges valables pour chaque ancrage sans influence d'interaxe et distance du bord et  $h \geq 2h_{ef}$
- > Passende Ringe für den einzelnen Veranker, ohne Achsenabstandseinfluss und des Randabstands und  $h \geq 2h_{ef}$

> 1kN = 100 Kg

- > Azione di taglio non diretta verso il bordo
- > Shear directed away from the edge
- > Action de cisaillement pas dirigée vers le bord
- > Queraktion nicht an den Rand gerichtet

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

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



|                  | <b>Calcestruzzo non fessurato</b><br><b>Non cracked Concrete</b><br><b>Beton non fissuré</b><br><b>Ungerissener Beton</b> |                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                  |                                          |  |
| ARTICOLO<br>ITEM | CARICO AMMISSIBILE<br>ADMISSIBLE LOAD                                                                                     | CARICO AMMISSIBILE<br>ADMISSIBLE LOAD                                               |
|                  | $F_{rec}$ [kN]                                                                                                            | $F_{rec}$ [kN]                                                                      |
| JNL-BOI          | 0,26                                                                                                                      | 0,24                                                                                |
| JNL-BOR          | 0,26                                                                                                                      | 0,24                                                                                |
| JNL-BOTDM        | 0,26                                                                                                                      | 0,24                                                                                |
| JN               | 0,26                                                                                                                      | 0,24                                                                                |
| JNL 5            | 0,20                                                                                                                      | 0,20                                                                                |
| JNL 6            | 0,26                                                                                                                      | 0,24                                                                                |
| JNH 5            | 0,20                                                                                                                      | 0,20                                                                                |
| JNH 6            | 0,26                                                                                                                      | 0,24                                                                                |
| JNH 8            | 0,40                                                                                                                      | 0,34                                                                                |
| BNL-EC           | 0,20                                                                                                                      | 0,18                                                                                |