



GL LOCATELLI

Sistemi di Ancoraggio

Unigi system UNTO

Fissaggio Impianti

Metal Framing

HVAC



GL Locatelli da 50 anni progetta e produce sistemi di ancoraggio in acciaio per l'edilizia e l'impiantistica. E' affermata negli ancoraggi su struttura in calcestruzzo, ancoraggi per la prefabbricazione industrializzata, ancoraggi per facciate ventilate in acciaio, inox e alluminio. La gamma Unigiunto raccoglie la linea completa di profili, piastre e accessori per la rapida installazione in cantiere di impianti idraulici, riscaldamento, condizionamento, elettrici, segnaletica, controsoffitti ecc..

GL Locatelli since 50 year designs and produces anchoring steel system for construction and plant engineering. GL Locatelli has established itself in the anchors of concrete structure, anchors for prefabricated building and anchors for ventilated facades (steel, stainless steel and aluminium). Unigiunto production collects a complete line of profiles, plates and accessories for fastening in site installation, plumbing systems, heating systems, cooling systems, electrical systems, signage, countertops and so on.

Unigiunto

system

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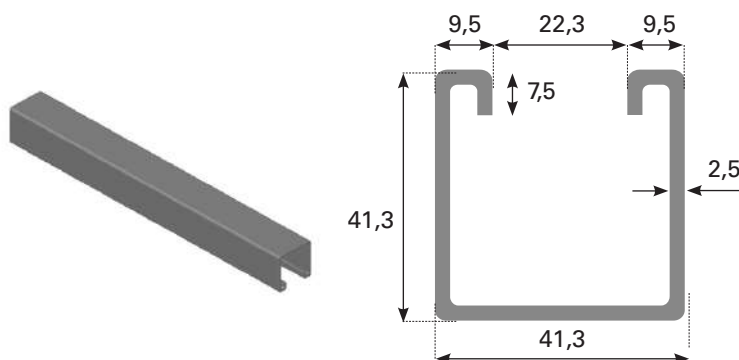


Tutti i prodotti della gamma Unigiunto sono CE in quanto prodotti da azienda certificata EN1090 dal maggio 2013

Ai fini di migliorare la qualità e le prestazioni dei prodotti GL Locatelli, ci riserviamo la facoltà di apportare modifiche senza alcun preavviso

All Unigiunto products are CE warrantied as products EN1090 certified company since May 2013

In the interests of improving the quality and performance of GL Locatelli products, we reserve the right to make specification changes without prior notice.



Profilo K1 anchor channel
mm 41x41x2,5
Kg/ml. 2,69
ml.3 - ml.6

Tutti i profili K sono fatti con i seguenti materiali
NERO = Acciaio S235 JR
Z/S = Acciaio S250GD -zinc.sendzimir EN 10346
Z/C = Acciaio S235JR -zinc.a caldo EN ISO 1461
INOX 316

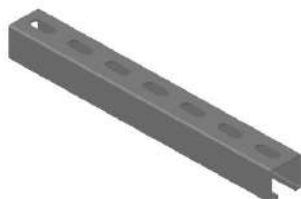
All K profiles are made of the following materials
BLACK = S235JR black steel
Z/S = S250GD steel sendzimir galv. EN 10346
Z/C = S235JR steel - hot dip galv. EN ISO 1461
A4 = INOX 316

| Area della sezione | | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-----------------|-------------------|-----------------|--------------------------|-------|-----------------------|-------|-------|--|
| Section area | | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg | |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm | |
| 343 | 75.293 | 94.755 | 3.281 | 4.589 | 525 | 734,20 | 20,65 | 22,95 | |

| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 8,40 | 0,86 | 4,20 | 0,69 |
| 1000 | 4,20 | 3,46 | 2,10 | 2,77 |
| 1500 | 2,80 | 7,78 | 1,40 | 6,23 |
| 2000 | 2,10 | 13,83 | 1,05 | 11,07 |
| 2500 | 1,68 | 21,62 | 0,84 | 17,29 |
| 3000 | 1,40 | 31,13 | 0,70 | 24,90 |

| Finitura | Codice | ML |
|----------|---------|----|
| dec | GDK103 | 3 |
| Z/S | GZSK103 | 3 |
| Z/C | GZK1203 | 3 |

K1 asolato slotted

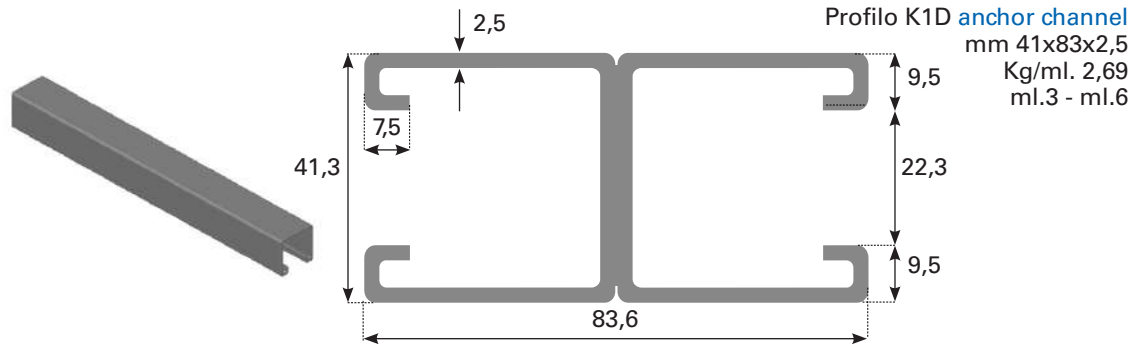


Profilo K1 anchor channel
mm 41x41x2,5
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 2,55
ml.3 - ml.6

| Area della sezione | | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-----------------|-------------------|-----------------|--------------------------|-------|-----------------------|-------|-------|--|
| Section area | | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg | |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm | |
| 310 | 64.773 | 94.297 | 3.062 | 4.566 | 489,9 | 730,60 | 20,65 | 21,15 | |

| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 7,84 | 0,94 | 3,92 | 0,75 |
| 1000 | 3,92 | 3,75 | 1,96 | 3,00 |
| 1500 | 2,61 | 8,44 | 1,31 | 6,75 |
| 2000 | 1,96 | 15,01 | 0,98 | 12,01 |
| 2500 | 1,57 | 23,45 | 0,78 | 18,76 |
| 3000 | 1,31 | 33,77 | 0,65 | 27,01 |

| Finitura | Codice | ML |
|-----------|-----------|----|
| dec | GDK103-AB | 3 |
| dec | GDK106-AB | 6 |
| Z/S | GZSK103B | 3 |
| Z/S | GZSK106A | 6 |
| Z/S AS. 3 | GZSK103-3 | 3 |
| Z/C | GZK1203A | 3 |
| Z/C | GZK1206A | 3 |



| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|----------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 686 | 381.514 | 189.510 | 9.238 | 9.177 | 1.478,10 | 1.468,30 | 20,65 | 41,30 |



| mm | kN | mm | kN | mm |
|------|-------|-------|-------|-------|
| 500 | 23,65 | 0,48 | 11,82 | 0,38 |
| 1000 | 11,82 | 1,92 | 5,91 | 1,54 |
| 1500 | 7,88 | 4,32 | 3,94 | 3,46 |
| 2000 | 5,91 | 7,69 | 2,96 | 6,15 |
| 2500 | 4,73 | 12,01 | 2,36 | 9,61 |
| 3000 | 3,94 | 17,30 | 1,97 | 13,84 |

| Finitura | Codice | ML |
|----------|---------|----|
| Z/C | GZK1D03 | 3 |



**K1D asoloto
slotted**

Profilo K1D anchor channel
mm 41x83x2,5
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 2,64
ml.3 - ml.6

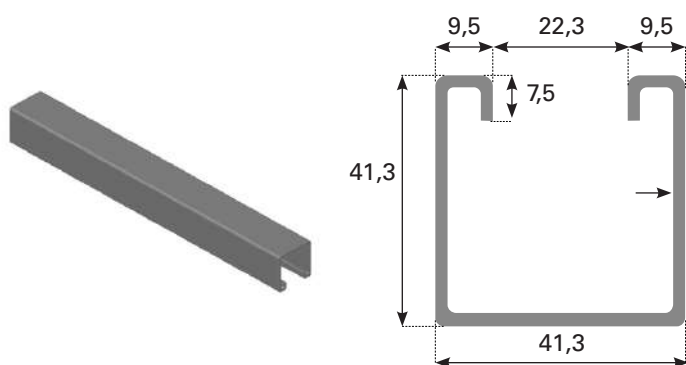
| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|----------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 621 | 381.379 | 188.594 | 9.234 | 9.133 | 1.477,40 | 1.461,30 | 20,65 | 41,30 |



| mm | kN | mm | kN | mm |
|------|-------|-------|-------|-------|
| 500 | 23,64 | 0,48 | 11,82 | 0,38 |
| 1000 | 11,82 | 1,92 | 5,91 | 1,54 |
| 1500 | 7,88 | 4,32 | 3,94 | 3,46 |
| 2000 | 5,91 | 7,69 | 2,95 | 6,15 |
| 2500 | 4,73 | 12,01 | 2,36 | 9,61 |
| 3000 | 3,94 | 17,30 | 1,97 | 13,84 |

| Finitura | Codice | ML |
|----------|-----------|----|
| dec | GNK1D03A | 3 |
| Z/S | GZSK1D03A | 3 |
| Z/C | GZK1D03A | 3 |

K1 - 2mm



Profilo K1 2mm anchor channel
mm 41x41x2
Kg/ml. 2,19
ml.3 - ml.6

spessore ridotto
low thickness

| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 279 | 62.912 | 78.465 | 2.753 | 3.800 | 440,50 | 608 | 20,65 | 22,85 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 7,05 | 0,87 | 3,52 | 0,69 |
| 1000 | 3,52 | 3,47 | 1,76 | 2,78 |
| 1500 | 2,35 | 7,82 | 1,17 | 6,25 |
| 2000 | 1,76 | 13,89 | 0,88 | 11,12 |
| 2500 | 1,41 | 21,71 | 0,70 | 17,37 |
| 3000 | 1,17 | 31,26 | 0,59 | 25,01 |

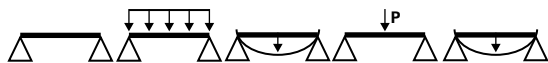
| Finitura | Codice | ML |
|-------------|-------------|----|
| Z/S | GZSK103-MM2 | 3 |
| inox 316-A4 | GIK103-A4 | 3 |

K1 - 2mm asolato slotted



Profilo K1 2mm anchor channel
mm 41x41x2
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 2,08
ml.3 - ml.6

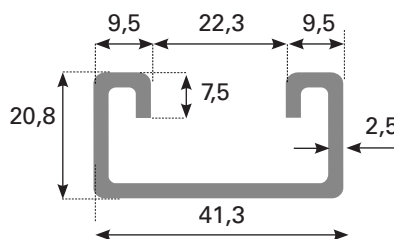
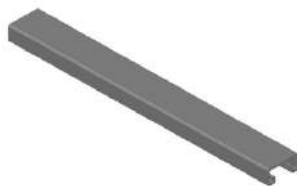
| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 253 | 54.172 | 78.099 | 2.573 | 3.782 | 411,7 | 605,1 | 20,65 | 21,06 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 6,59 | 0,94 | 3,29 | 0,75 |
| 1000 | 3,29 | 3,77 | 1,65 | 3,02 |
| 1500 | 2,20 | 8,48 | 1,10 | 6,78 |
| 2000 | 1,65 | 15,08 | 0,82 | 12,06 |
| 2500 | 1,32 | 23,56 | 0,66 | 18,85 |
| 3000 | 1,10 | 33,92 | 0,55 | 27,14 |

| Finitura | Codice | ML |
|-------------|--------------|----|
| Z/S | GZSK103-MM2 | 3 |
| Z/S | GZSK106-MM2 | 6 |
| Z/C | GZK1203A-MM2 | 3 |
| inox 304-A2 | GIK103AB | 3 |
| inox 304-A2 | GIK106AB | 6 |
| inox 316-A4 | GIK103AA-A4L | 3 |
| inox 316-A4 | GIK106AA-A4L | 6 |

Profilo K2 anchor channel
 mm 41x20x2,5
 Kg/ml. 1,97
 ml.3 - ml.6



| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 251 | 13.873 | 59.081 | 1.161 | 2.882 | 185,8 | 461,1 | 20,65 | 11,95 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 2,97 | 1,66 | 1,49 | 1,33 |
| 1000 | 1,49 | 6,64 | 0,74 | 5,31 |
| 1500 | 0,99 | 14,94 | 0,50 | 11,95 |
| 2000 | 0,74 | 26,56 | 0,37 | 21,25 |
| 2500 | 0,59 | 41,50 | 0,30 | 33,20 |
| 3000 | 0,50 | 59,76 | 0,25 | 47,81 |

| Finitura | Codice | ML |
|----------|---------|----|
| dec | GDK203 | 3 |
| Z/S | GZSK203 | 3 |
| Z/C | GZK203 | 3 |



K2 asolato slotted

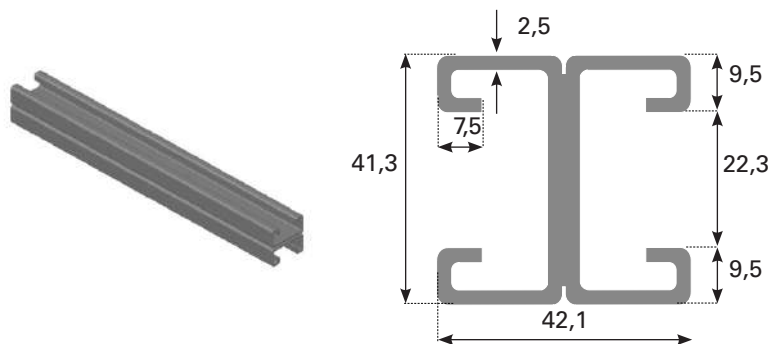
Profilo K2 anchor channel
 mm 41x20x2,5 mm
 asole / slot mm 13x30
 passo / pitch mm 50
 Kg/ml. 1,83
 ml.3 - ml.6

| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 219 | 11.701 | 58.624 | 1.081 | 2.860 | 173 | 457,6 | 20,65 | 11,95 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 2,97 | 1,66 | 1,49 | 1,33 |
| 1000 | 1,49 | 6,64 | 0,74 | 5,31 |
| 1500 | 0,99 | 14,94 | 0,50 | 11,95 |
| 2000 | 0,74 | 26,56 | 0,37 | 21,25 |
| 2500 | 0,59 | 41,50 | 0,30 | 33,20 |
| 3000 | 0,50 | 59,76 | 0,25 | 47,81 |

| Finitura | Codice | ML |
|----------|----------|----|
| dec | GDK203A | 3 |
| dec | GDK206A | 6 |
| Z/S | GZSK203A | 3 |
| Z/S | GZSK206A | 6 |
| Z/C | GZK203B | 3 |
| Z/C | GZK206B | 6 |

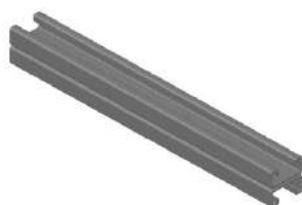


Profilo K2D **anchor channel**
mm 41x41x2,5
Kg/ml. 3,94
ml.3 - ml.6

| Area della sezione | | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-----------------|-------------------|-----------------|--------------------------|-------|-----------------------|-------|-------|--|
| Section area | | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg | |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm | |
| 502 | 67.083 | 118.163 | 3.225 | 5.722 | 516 | 915,5 | 20,65 | 20,80 | |

| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 8,26 | 0,95 | 4,13 | 0,76 |
| 1000 | 4,13 | 3,82 | 2,06 | 3,05 |
| 1500 | 2,75 | 8,59 | 1,38 | 6,87 |
| 2000 | 2,06 | 15,26 | 1,03 | 12,21 |
| 2500 | 1,65 | 23,85 | 0,83 | 19,08 |
| 3000 | 1,38 | 34,34 | 0,69 | 27,47 |

| Finitura | Codice | ML |
|-------------|------------|----|
| Z/C | GZK2D203 | 3 |
| inox 316-A4 | GIK2D03-A4 | 3 |



K2D asolato slotted

Profilo K2D **anchor channel**
mm 41x41x2,5
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 3,66
ml.3 - ml.6

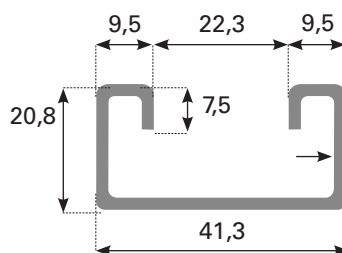
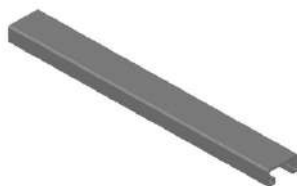
| Area della sezione | | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-----------------|-------------------|-----------------|--------------------------|-------|-----------------------|-------|-------|--|
| Section area | | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg | |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm | |
| 437 | 66.948 | 117.247 | 3.219 | 5.719 | 515 | 915 | 20,65 | 20,80 | |

| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 8,24 | 0,95 | 4,12 | 0,76 |
| 1000 | 4,12 | 3,82 | 2,06 | 3,05 |
| 1500 | 2,75 | 8,59 | 1,37 | 6,87 |
| 2000 | 2,06 | 15,26 | 1,03 | 12,21 |
| 2500 | 1,65 | 23,85 | 0,82 | 19,08 |
| 3000 | 1,37 | 34,34 | 0,69 | 27,47 |

| Finitura | Codice | ML |
|----------|----------|----|
| Z/C | GZK2D03A | 3 |



Profilo K2 2mm anchor channel
mm 41x21x2
Kg/ml. 1,55
ml.3 - ml.6



spessore ridotto
low thickness

| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 197 | 11.178 | 46.776 | 923 | 2.265 | 147,7 | 362,4 | 20,65 | 12,12 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 2,36 | 1,64 | 1,18 | 1,31 |
| 1000 | 1,18 | 6,55 | 0,59 | 5,24 |
| 1500 | 0,79 | 14,74 | 0,39 | 11,79 |
| 2000 | 0,59 | 26,20 | 0,30 | 20,96 |
| 2500 | 0,47 | 40,94 | 0,24 | 32,75 |
| 3000 | 0,39 | 58,96 | 0,20 | 47,17 |

| Finitura | Codice | ML |
|-------------|----------|----|
| inox 316-A4 | GIK203A4 | 3 |
| inox 316-A4 | GIK206A4 | 6 |

K2 asolato slotted



Profilo K2 2mm anchor channel
mm 21x41x2
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 1,43
ml.3 - ml.6

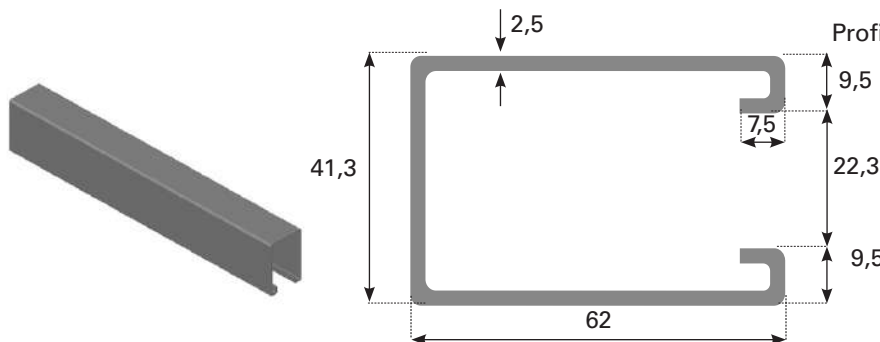


| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 171 | 9.400 | 46.410 | 859 | 2.247 | 137,4 | 359,5 | 20,65 | 10,95 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 2,20 | 1,81 | 1,10 | 1,45 |
| 1000 | 1,10 | 7,25 | 0,55 | 5,80 |
| 1500 | 0,73 | 16,31 | 0,37 | 13,05 |
| 2000 | 0,55 | 29,00 | 0,27 | 23,20 |
| 2500 | 0,44 | 45,32 | 0,22 | 36,25 |
| 3000 | 0,37 | 65,26 | 0,18 | 52,20 |

| Finitura | Codice | ML |
|-------------|-------------|----|
| dec | GNK203-MM2 | 3 |
| Z/S | GZSK203-MM2 | 3 |
| Z/S | GZSK206-MM2 | 6 |
| inox 304-A2 | GIK206AAA | 6 |
| inox 316-A4 | GIK203AAA4 | 3 |



Profilo K62 anchor channel
mm 41x62x2,5
Kg/ml. 3,54
ml.3 - ml.6

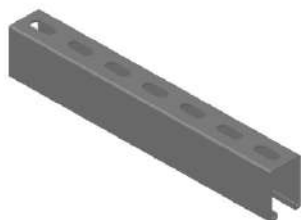
| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|----------|-------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 451 | 211.407 | 132.598 | 6.473 | 6.468 | 1.035,70 | 1.034,90 | 20,50 | 28,34 |



| mm | kN | mm | kN | mm |
|------|-------|-------|------|-------|
| 500 | 16,57 | 0,61 | 8,28 | 0,49 |
| 1000 | 8,28 | 2,43 | 4,14 | 1,94 |
| 1500 | 5,52 | 5,47 | 2,76 | 4,37 |
| 2000 | 4,14 | 9,72 | 2,07 | 7,78 |
| 2500 | 3,31 | 15,19 | 1,66 | 12,15 |
| 3000 | 2,76 | 21,87 | 1,38 | 17,5 |

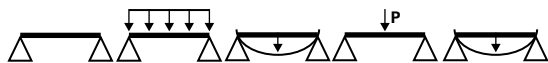
| Finitura | Codice | ML |
|----------|----------|----|
| nero | GNK6206 | 6 |
| Z/S | GZSK6203 | 3 |
| Z/C | GZSK6206 | 6 |

K62 asolato slotted



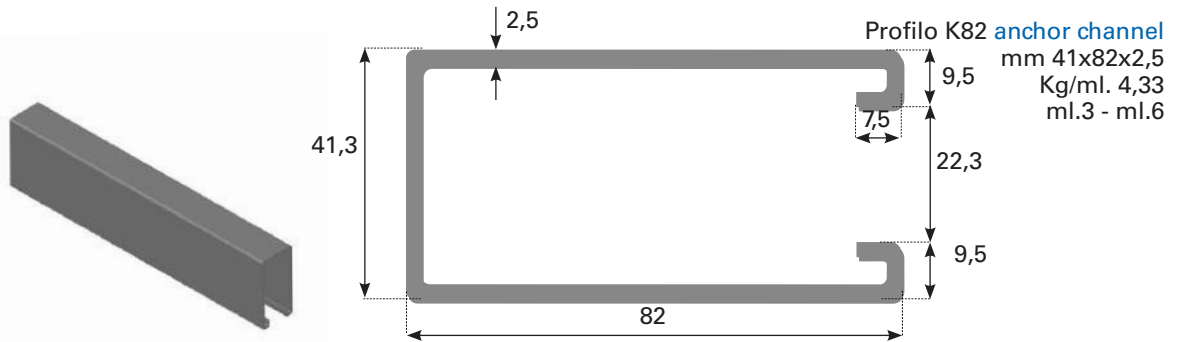
Profilo K62 anchor channel
mm 62x41x2,5
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 3,40
ml.3 - ml.6

| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|----------|------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 419 | 185.694 | 132.140 | 6.076 | 6.446 | 972,2 | 1.031,30 | 20,5 | 30,44 |

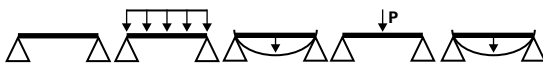


| mm | kN | mm | kN | mm |
|------|-------|-------|------|-------|
| 500 | 15,55 | 0,65 | 7,78 | 0,52 |
| 1000 | 7,78 | 2,6 | 3,89 | 2,08 |
| 1500 | 5,18 | 5,84 | 2,59 | 4,67 |
| 2000 | 3,89 | 10,39 | 1,94 | 8,31 |
| 2500 | 3,11 | 16,23 | 1,56 | 12,98 |
| 3000 | 2,59 | 23,37 | 1,3 | 18,7 |

| Finitura | Codice | ML |
|----------|------------|----|
| NERO | GNK6203-A | 3 |
| Z/S | GZSK6203-A | 3 |
| Z/S | GZSK6206-A | 6 |
| Z/C | GZK6203-A | 3 |
| Z/C | GZK6206-A | 6 |

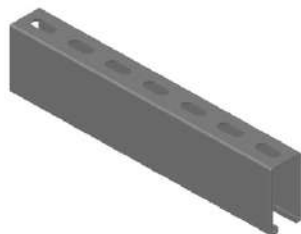


| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|----------|------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 551 | 435.401 | 169.706 | 10.172 | 8.278 | 1.627,50 | 1.324,50 | 20,5 | 38,19 |



| mm | kN | mm | kN | mm |
|------|-------|-------|-------|-------|
| 500 | 26,04 | 0,46 | 13,02 | 0,37 |
| 1000 | 13,02 | 1,85 | 6,51 | 1,48 |
| 1500 | 8,68 | 4,17 | 4,34 | 3,34 |
| 2000 | 6,51 | 7,42 | 3,25 | 5,93 |
| 2500 | 5,21 | 11,59 | 2,6 | 9,27 |
| 3000 | 4,34 | 16,69 | 2,17 | 13,35 |

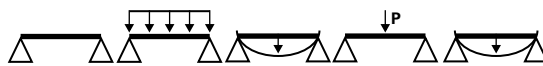
| Finitura | Codice ML 3 | ML |
|----------|-------------|----|
| NERO | GNK803 | 3 |
| NERO | GNK806 | 6 |
| Z/S | GZSK803 | 3 |
| Z/S | GZSK806 | 6 |



K82 asolato slotted

Profilo K82 anchor channel
mm 41x82x2,5
asole / slot mm 13x30
passo / pitch mm 50
Kg/ml. 4,19
ml.3 - ml.6

| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|----------|------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 519 | 388.246 | 169.249 | 9.584 | 8.256 | 1.533,50 | 1.321,00 | 20,5 | 40,51 |



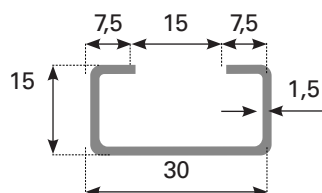
| mm | kN | mm | kN | mm |
|------|-------|-------|-------|-------|
| 500 | 24,54 | 0,49 | 12,27 | 0,39 |
| 1000 | 12,27 | 1,96 | 6,13 | 1,57 |
| 1500 | 8,18 | 4,41 | 4,09 | 3,53 |
| 2000 | 6,13 | 7,84 | 3,07 | 6,27 |
| 2500 | 4,91 | 12,25 | 2,45 | 9,8 |
| 3000 | 4,09 | 17,63 | 2,04 | 14,11 |

| Finitura | Codice | ML |
|----------|----------|----|
| NERO | GNK803A | 3 |
| NERO | GNK806A | 6 |
| Z/S | GZSK803A | 3 |
| Z/S | GZSK806A | 6 |
| Z/C | GZCK803A | 3 |
| Z/C | GZCK806A | 6 |

K30 - 1,5mm asolato slotted



Profilo K30 anchor channel
 mm 30x15x1,5
 asole / slot mm 23x10,5
 passo / pitch mm 35
 Kg/ml. 0,78
 ml.2



| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|------|------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 99 | 3.081 | 12.685 | 341 | 846 | 54,6 | 135,4 | 15 | 9,03 |

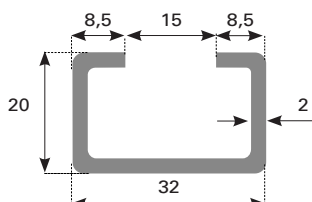


| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 0,76 | 2,01 | 0,38 | 0,69 |
| 1000 | 0,38 | 8,03 | 0,12 | 2,77 |
| 1500 | 0,25 | 17,83 | 0,06 | 6,23 |
| 2000 | 0,19 | 32,12 | 0,03 | 11,07 |

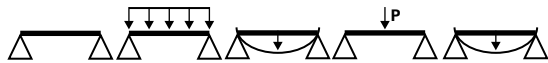
| Finitura | CCodice | ML |
|----------|---------|-----------|
| Nero | LK30N | 2 |
| Nero | LK30N | 2 asolato |
| Z/S | LK30S | 2 asolato |

K32 - 2mm asolato slotted

Profilo K32 anchor channel
 mm 32x20x2
 asole / slot mm 23x10,5
 passo / pitch mm 35
 Kg/ml. 1,45
 ml.2

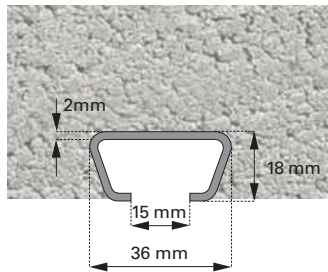
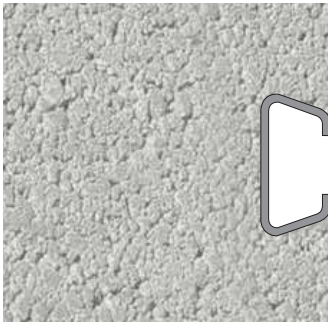


| Area della sezione | Momento d'inerzia | | Modulo di sezione minimo | | Mom. Max. ammissibile | | Assi | |
|--------------------|-------------------|-----------------|--------------------------|-----------------|-----------------------|-------|------|-------|
| Section area | Moment of inertia | | Section modulus | | Max admissible mom. | | Axes | |
| A | Jx | Jy | Wx | Wy | Mx | My | Xg | Yg |
| mm ² | mm ⁴ | mm ⁴ | mm ³ | mm ³ | kN mm | kN mm | mm | mm |
| 185 | 9.303 | 26.354 | 790 | 1.647 | 126,4 | 263,5 | 16 | 11,77 |



| mm | kN | mm | kN | mm |
|------|------|-------|------|-------|
| 500 | 1,77 | 1,55 | 0,89 | 0,75 |
| 1000 | 0,88 | 6,16 | 0,36 | 3,00 |
| 1500 | 0,59 | 13,94 | 0,16 | 6,75 |
| 2000 | 0,44 | 24,63 | 0,09 | 12,01 |

| Finitura | Codice | ML |
|----------|--------|-----------|
| Z/S | LK32SB | 2 asolato |



| Finitura | Codice | ML |
|-------------|-------------|----|
| Z/S | GZ00103S | 3 |
| Z/S | GZ00103S | 6 |
| Inox 316-A4 | G00106-A316 | 3 |

VANTAGGI

- profilo pre installato
- no fori in cantiere
- no polvere
- installazione più veloce
- carichi differenziati per esigenze diverse

Profilo per impianti da inserire nelle strutture in calcestruzzo prima che avvenga il getto in calcestruzzo.

Profilo in acciaio S235JR, zincatura sendzimir
Riempimento in schiuma di resina sintetica rigida a cellula chiusa ad alta densità.

Prove a rottura su calcestruzzo Rck = 35 MPa e coefficiente di sicurezza 3.

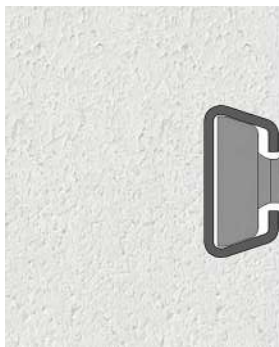
BENEFITS

- pre-installed profile
- no holes in concrete
- no dust
- faster installation
- higher loads

Anchor channel for plant to be inserted in concrete structures before concrete casting.

Anchor channel produced S235JR steel, sendzimir
Filling foam synthetic resin rigid closed cell high density.

Breaking tests on concrete Rck = 35 MPa and safety factor 3.



Vite VM3

| | |
|-------------|------|
| Diametro | M12 |
| Grado | 4.6 |
| Trazione kN | 33.7 |
| Taglio kN | 20.2 |

| | |
|----------|------------------------|
| A3Z1240 | VM3 M12x40 cl.4.6 z/e |
| A3Z1260 | VM3 M12x60 cl.4.6 z/e |
| A3Z1280 | VM3 M12x80 cl.4.6 z/e |
| A3Z12100 | VM3 M12x100 cl.4.6 z/e |

VM3T bolt

| | |
|-----------------|------|
| Diameter | M12 |
| Strenght grade | 4.6 |
| Tension Load kN | 33.7 |
| Shear Load kN | 20.2 |

| | |
|----------|------------------------|
| A3Z1240 | VM3 M12x40 cl.4.6 z/e |
| A3Z1260 | VM3 M12x60 cl.4.6 z/e |
| A3Z1280 | VM3 M12x80 cl.4.6 z/e |
| A3Z12100 | VM3 M12x100 cl.4.6 z/e |



Piastra R7

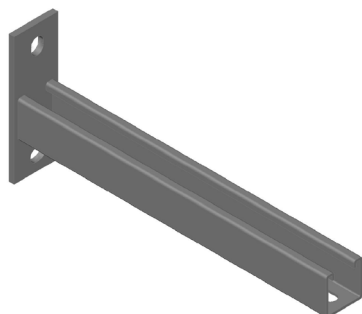
| | |
|----------------|------|
| Foro Filettato | M8 |
| Grado | 4.6 |
| Trazione kN | 2.00 |
| Taglio kN | 1.67 |




| | |
|----------|----------------------|
| R7Z-08XL | Piastrina R7 |
| BZ08 | Barra filettata M8 |
| APZ0824A | Rondella Piana Larga |
| ADZ08 | Dado esagonale |

R7 plate

| | |
|-----------------|------|
| Threded hole | M8 |
| Strenght grade | 4.6 |
| Tension Load kN | 2.00 |
| Shear Load kN | 1.67 |

| | |
|----------|-------------------|
| R7Z-08XL | R7 plate |
| BZ08 | M8 Threaded rod |
| APZ0824A | Large Flat washer |
| ADZ08 | Hexagonal nut |



| Mensola K1 z/e K1 e/g Bracket | Mensola K1 z/c K1 hdg Bracket | Lunghezza Profilo Length channel | Piatto Mensola K1 K1 Plate Bracket | Carichi /Loads | | | |
|--|--|--|--|---|---|---|----------------|
| Zinc.Elettr. Electr.galv. | Zinc.a caldo H.D.G. | Lung. Length | b. x h. x s. |  |  |  | Peso Weight |
| | | mm | mm | kN | kN | kN | Kg |
| LE103/100 | LC103/100 | 100 | 145x50x6 | 9,80 | 9,80 | 4,90 | 0,52 |
| LE103/150 | LC103/150 | 150 | 145x50x6 | 6,53 | 6,53 | 3,27 | 0,74 |
| LE103/200 | LC103/200 | 200 | 145x50x6 | 4,90 | 4,90 | 2,45 | 0,98 |
| LE103/250 | LC103/250 | 250 | 145x50x6 | 3,92 | 3,92 | 1,96 | 1,07 |
| LE103/300 | LC103/300 | 300 | 145x50x6 | 3,27 | 3,27 | 1,63 | 1,20 |
| LE103/350 | LC103/350 | 350 | 145x50x8 | 2,80 | 2,80 | 1,40 | 1,35 |
| LE103/400 | LC103/400 | 400 | 145x50x8 | 2,45 | 2,45 | 1,22 | 1,51 |
| LE103/500 | LC103/500 | 500 | 145x50x8 | 1,96 | 1,96 | 0,98 | 1,79 |
| LE103/600 | LC103/600 | 600 | 145x50x8 | 1,63 | 1,63 | 0,82 | 2,04 |
| LE103/700 | LC103/700 | 700 | 145x50x8 | 1,40 | 1,40 | 0,70 | 2,25 |
| LE103/800 | LC103/800 | 800 | 145x50x8 | 1,22 | 1,22 | 0,61 | 2,51 |
| LE103/900 | LC103/900 | 900 | 145x50x8 | 1,09 | 1,09 | 0,54 | 2,87 |
| LE103/1000 | LC103/1000 | 1000 | 145x50x8 | 0,98 | 0,98 | 0,49 | 3,02 |

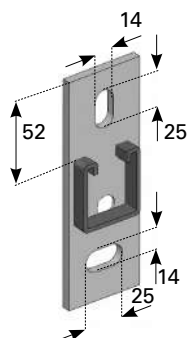
LE Acc. S235JR EN 10025 zincato elettr. ISO2081- μm 12

S235JR steel EN 10025 electrolytic galv. ISO2081- μm 12

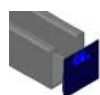
LC Acc. S235JR EN 10025 zincato a caldo ISO1461- $\geq \mu\text{m}$ 55

S235JR steel EN 10025 Hot Dip Galv. ISO1461- $\geq \mu\text{m}$ 55

Asole mm 14x25
Slots 14x25mm

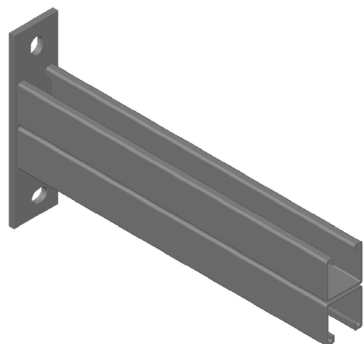





Tappi terminali in plastica pag. 19
Plastic end tap page 19



Ai fini di migliorare la qualità e le prestazioni dei prodotti GL Locatelli, ci riserviamo la facoltà di apportare modifiche senza alcun preavviso

In the interests of improving the quality and performance of GL Locatelli products, we reserve the right to make specification changes without prior notice.



| Mensola K1D z/e K1D e/g Bracket | Mensola K1D z/c K1D hdg Bracket | Lunghezza Profilo Length channel | Piatto Mensola K1D K1D Plate Bracket | Carichi /Loads | | | |
|---------------------------------|---------------------------------|----------------------------------|--------------------------------------|---|---|---|----------------|
| Zinc.Elettr. Electr.galv. | Zinc.a caldo H.D.G. | Lung. Length | b. x h. x s. |  |  |  | Peso Weight |
| | | mm | mm | kN | kN | kN | Kg |
| LE127/100 | LC127/100 | 100 | 190x50x10 | 29,55 | 29,55 | 14,77 | 1,04 |
| LE127/150 | LC127/150 | 150 | 190x50x10 | 19,70 | 19,70 | 9,85 | 1,48 |
| LE127/200 | LC127/200 | 200 | 190x50x10 | 14,77 | 14,77 | 7,39 | 1,81 |
| LE127/250 | LC127/250 | 250 | 190x50x10 | 11,82 | 11,82 | 5,91 | 2,07 |
| LE127/300 | LC127/300 | 300 | 190x50x10 | 9,85 | 9,85 | 4,92 | 2,25 |
| LE127/350 | LC127/350 | 350 | 190x50x10 | 8,44 | 8,44 | 4,22 | 2,72 |
| LE127/400 | LC127/400 | 400 | 190x50x10 | 7,39 | 7,39 | 3,69 | 3,00 |
| LE127/500 | LC127/500 | 500 | 190x50x10 | 5,91 | 5,91 | 2,95 | 3,45 |
| LE127/600 | LC127/600 | 600 | 190x50x10 | 4,92 | 4,92 | 2,46 | 3,93 |
| LE127/700 | LC127/700 | 700 | 190x50x10 | 4,22 | 4,22 | 2,11 | 4,25 |
| LE127/800 | LC127/800 | 800 | 190x50x10 | 3,69 | 3,69 | 1,85 | 4,99 |
| LE127/900 | LC127/900 | 900 | 190x50x10 | 3,28 | 3,28 | 1,64 | 5,36 |
| LE127/1000 | LC127/1000 | 1000 | 190x50x10 | 2,95 | 2,95 | 1,48 | 6,08 |

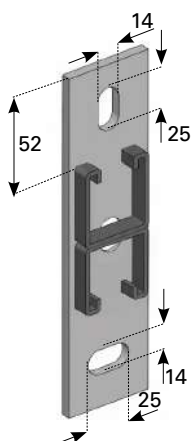
LE Acc. S235JR EN 10025 zincato elettr. ISO2081- μ m 12

S235JR steel EN 10025 electrolytic galv. ISO2081- μ m 12

LC Acc. S235JR EN 10025 zincato a caldo ISO1461- \geq μ m 55

S235JR steel EN 10025 Hot Dip Galv. ISO1461- \geq μ m 55

Asole mm14x25
Slots 14x25mm

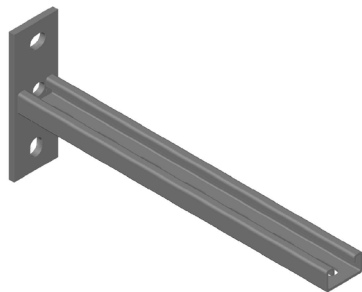


Tappi terminali in plastica pag. 19
Plastic end tap page 19



Ai fini di migliorare la qualità e le prestazioni dei prodotti GL Locatelli, ci riserviamo la facoltà di apportare modifiche senza alcun preavviso

In the interests of improving the quality and performance of GL Locatelli products, we reserve the right to make specification changes without prior notice.



| Mensola K2 z/e K2 e/g Bracket | Mensola K2 z/c K2 hdg Bracket | Piatto Mensola K2 K2 Plate Bracket | Carichi /Loads | | | Peso Weight | |
|----------------------------------|----------------------------------|---|----------------|------|------|----------------|------|
| Zinc.Elettr. Electr.galv. | Zinc.a caldo H.D.G. | Lung. Length | b. x h. x s. | | | | Kg |
| | | mm | mm | kN | kN | kN | |
| LE203/100 | LC203/100 | 100 | 145x50x6 | 3,46 | 3,46 | 1,73 | 0,62 |
| LE203/150 | LC203/150 | 150 | 145x50x6 | 2,31 | 2,31 | 1,15 | 0,69 |
| LE203/200 | LC203/200 | 200 | 145x50x6 | 1,73 | 1,73 | 0,86 | 0,80 |
| LE203/250 | LC203/250 | 250 | 145x50x6 | 1,38 | 1,38 | 0,69 | 0,95 |
| LE203/300 | LC203/300 | 300 | 145x50x6 | 1,15 | 1,15 | 0,58 | 0,98 |
| LE203/350 | LC203/350 | 350 | 145x50x6 | 0,99 | 0,99 | 0,49 | 1,00 |
| LE203/400 | LC203/400 | 400 | 145x50x6 | 0,86 | 0,86 | 0,43 | 1,12 |
| LE203/500 | LC203/500 | 500 | 145x50x6 | 0,69 | 0,69 | 0,35 | 1,35 |
| LE203/600 | LC203/600 | 600 | 145x50x6 | 0,58 | 0,58 | 0,29 | 1,49 |
| LE203/700 | LC203/700 | 700 | 145x50x6 | 0,49 | 0,49 | 0,25 | 1,54 |
| LE203/800 | LC203/800 | 800 | 145x50x6 | 0,43 | 0,43 | 0,22 | 1,60 |
| LE203/900 | LC203/900 | 900 | 145x50x6 | 0,38 | 0,38 | 0,19 | 1,72 |
| LE203/1000 | LC203/1000 | 1000 | 145x50x6 | 0,35 | 0,35 | 0,17 | 1,80 |

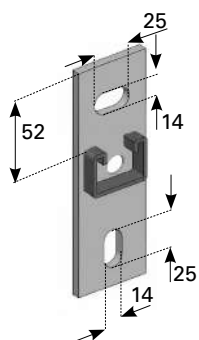
LE Acc. S235JR EN 10025 zincato elettr. ISO2081- μm 12

S235JR steel EN 10025 electrolytic galv. ISO2081- μm 12

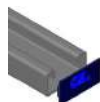
LC Acc. S235JR EN 10025 zincato a caldo ISO1461- $\geq \mu\text{m}$ 55

S235JR steel EN 10025 Hot Dip Galv. ISO1461- $\geq \mu\text{m}$ 55

Asola mm 14x25
Slot 14x25mm

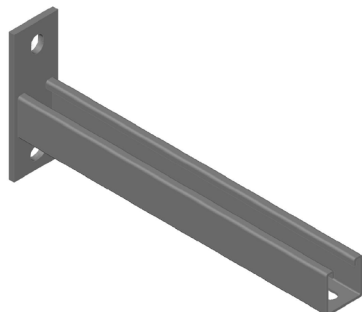





Tappi terminali in plastica pag. 19
Plastic end tap page 19



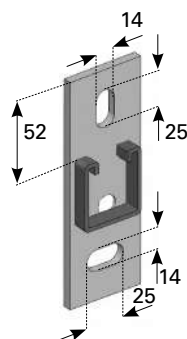
Ai fini di migliorare la qualità e le prestazioni dei prodotti GL Locatelli, ci riserviamo la facoltà di apportare modifiche senza alcun preavviso

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| Mensola K1 z/e K1 e/g Bracket | Lunghezza Profilo Length channel | Piatto Mensola K1 K1 Plate Bracket | Carichi /Loads | | | Peso Weight |
|----------------------------------|-------------------------------------|--|---|--|---|----------------|
| AISI 304 A2 | Lung. Length | b. x h. x s. |  |  |  | Kg |
| | mm | mm | kN | kN | kN | |
| LI104/100 | 100 | 145x50x5 | 8,23 | 8,23 | 4,12 | 0,08 |
| LI104/150 | 150 | 145x50x5 | 5,49 | 5,49 | 2,74 | 0,13 |
| LI104/200 | 200 | 145x50x5 | 4,12 | 4,12 | 2,06 | 0,38 |
| LI104/250 | 250 | 145x50x5 | 3,29 | 3,29 | 1,65 | 0,41 |
| LI104/300 | 300 | 145x50x5 | 2,74 | 2,74 | 1,37 | 0,55 |
| LI104/350 | 350 | 145x50x8 | 2,35 | 2,35 | 1,18 | 0,75 |
| LI104/400 | 400 | 145x50x8 | 2,06 | 2,06 | 1,03 | 1,09 |
| LI104/500 | 500 | 145x50x8 | 1,65 | 1,65 | 0,82 | 1,52 |
| LI104/600 | 600 | 145x50x8 | 1,37 | 1,37 | 0,69 | 1,76 |
| LI104/700 | 700 | 145x50x8 | 1,18 | 1,18 | 0,59 | 1,92 |
| LI104/800 | 800 | 145x50x8 | 1,03 | 1,03 | 0,51 | 2,16 |
| LI104/900 | 900 | 145x50x8 | 0,91 | 0,91 | 0,46 | 2,23 |
| LI104/1000 | 1000 | 145x50x8 | 0,82 | 0,82 | 0,41 | 2,59 |

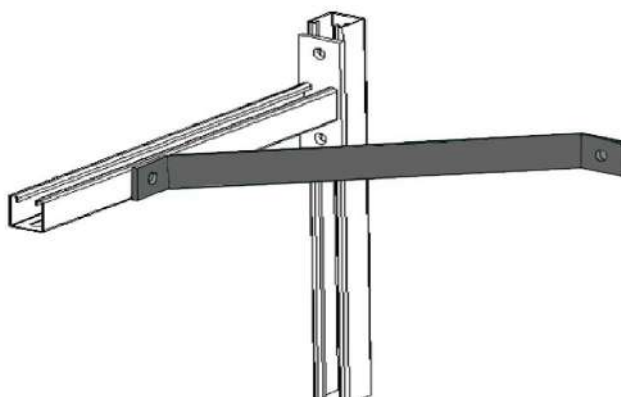
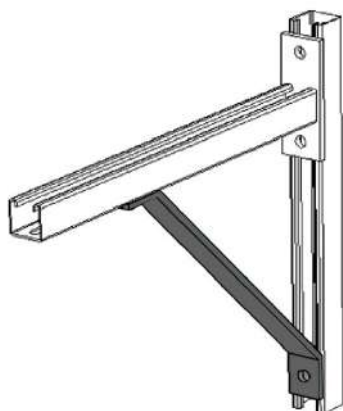
Asola mm 14x25
Slot 14x25mm



Ai fini di migliorare la qualità e le prestazioni dei prodotti GL Locatelli, ci riserviamo la facoltà di apportare modifiche senza alcun preavviso

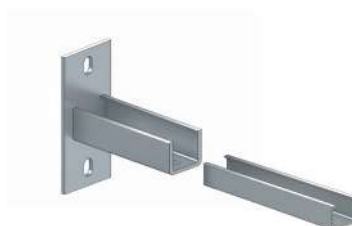
In the interests of improving the quality and performance of GL Locatelli products, we reserve the right to make specification changes without prior notice.

| Piatto / Plate | | | | | | |
|----------------|--------------|---------------|--------|---------|--------|--------|
| Cod. elettr. | Cod. a caldo | Lunghezza | Angolo | Ø Fori | Piatto | Peso |
| Electr.galv. | H.D.G. | Length | Angle | Ø Holes | Plate | Weight |
| | | mm | mm | mm | mm | Kg |
| LES4 | LCS4 | 50 + 400 + 50 | 45° | 14 | 105 | 0,72 |



Piastra per Mensole Brackets plate

| Supporto - Canotto | | Profilo channel | |
|--------------------|--------------|-------------------|--------|
| Cod. elettr. | Cod. a caldo | Lunghezza Profilo | Peso |
| Electr.galv. | H.D.G. | Length Channel | Weight |
| | | mm | Kg |
| LE00 | LC00 | K1 | 0,80 |



| Dadi VM4 Nuts | | | | | |
|---------------------|-----------------|---------|--------|------------|---------------|
| Zinc. Elettrolitico | Inox | Filetto | Peso | Confezione | Profili |
| Electrolytic galv. | St. steel | Thread | Weight | Packing | channel |
| | | M | Kg/100 | N° | |
| LVM4-06 | LVM4-06-A316 | M 6 | 2,7 | 100 | K1-K2-K62-K82 |
| LVM4-08 | LVM4-08-A316 | M 8 | 2,8 | 100 | K1-K2-K62-K82 |
| LVM4-10 | LVM4-10-A316 | M 10 | 3,6 | 100 | K1-K2-K62-K82 |
| LVM4-12 | LVM4-12-INOX316 | M 12 | 4,1 | 100 | K1-K2-K62-K82 |
| LVM4S06 | LVM4S06A4 | M 6 | 2,7 | 100 | K1-K2-K62-K82 |
| LVM4S08 | LVM4S08A4 | M 8 | 2,8 | 100 | K1-K2-K62-K82 |
| LVM4S10 | LVM4S10A4 | M 10 | 3,5 | 100 | K1-K2-K62-K82 |
| LVM4S12 | LVM4S12A4 | M 12 | 4,3 | 100 | K1-K2-K62-K82 |
| LVM4L06 | LVM4L06A4 | M 6 | 3,0 | 100 | K1-K2-K62-K82 |
| LVM4L08 | LVM4L08A4 | M 8 | 3,1 | 100 | K1-K2-K62-K82 |
| LVM4L10 | LVM4L10A4 | M 10 | 3,6 | 100 | K1-K2-K62-K82 |
| LVM4L12 | LVM4L12A4 | M 12 | 4,3 | 100 | K1-K2-K62-K82 |



| Dado VM30 Nuts | | | | | |
|---------------------|--|---------|--------|---------|---------|
| Zinc. Elettrolitico | | Filetto | Peso | Conf. | Profilo |
| Electrolytic galv. | | Thread | Weight | Packing | Channel |
| | | M | Kg/100 | pz | |
| L6513006 | | M 6 | 1,6 | 100 | K30-K32 |
| L6510008 | | M 8 | 1,6 | 100 | K30-K32 |
| L6510010 | | M 10 | 1,8 | 100 | K30-K32 |



| Vite LFVTM Screw | | | | | |
|---------------------|--|---------|--------|---------|---------------|
| Zinc. Elettrolitico | | Filetto | Peso | Conf. | Profilo |
| Electrolytic galv. | | Thread | Weight | Packing | Channel |
| | | M | Kg/100 | N° | Unigiunto |
| LZVM4M0830 | | 8x30 | 3,3 | 100 | K1-K2-K62-K82 |
| LZVM4M1030 | | 10x30 | 4,2 | 300 | K1-K2-K62-K82 |



| Prove di trazione / Tensile test | | | | |
|----------------------------------|--------------------|---------|--------------------|--------------------|
| Filetto | Carico consigliato | Rottura | Coppia di chiusura | Carico Scorrimento |
| Threaded | Recommended Loads | Failure | Clamping torque | Frictional load |
| | kN | kN | Nm | N |
| M6 | 3,62 | >10,85 | 15 | 660 |
| M8 | 4,93 | >14,8 | 28 | 3000 |
| M10 | 7,03 | >21,10 | 56 | 4500 |
| M12 | 9,07 | >27,20 | 65 | 5700 |

Bullone a T preassemblato

Bullone VM4 con rondella quadra preassemblata per attacco rapido

Preassembled T bolt

VM4TBolt with square washer preassembled for quick

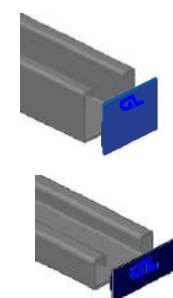
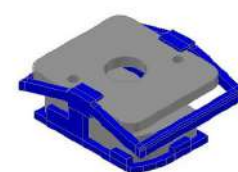
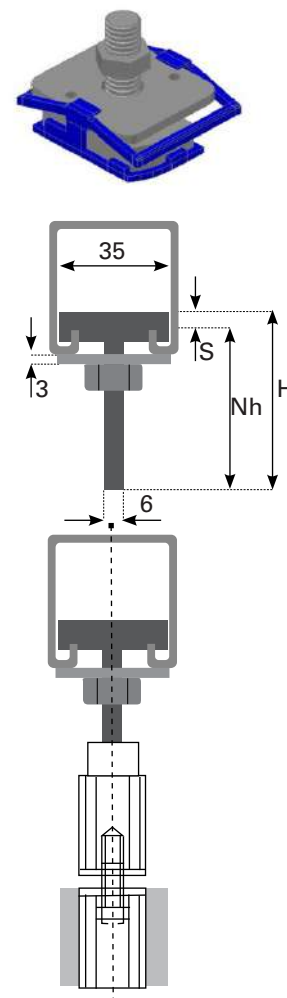
| Attacco rapido e rondella preassemblati Preassembled nut and washer | | | | |
|--|-------------------|----------------|-----------------------|--------------------|
| Zinc. Eletttr. Electr.Galv. | Filetto Thread | Peso Weight | Confezione Packing | Profilo Channel |
| | mm | Kg/100 | N° | |
| L6527804 | M 8 x 40 | 0,085 | 100 | K1-K2-K82 |
| L6527806 | M 8 x 60 | 0,105 | 100 | K1-K2-K82 |
| L6527004 | M 10 x 40 | 0,100 | 100 | K1-K2-K82 |
| L6527006 | M 10 x 60 | 0,113 | 100 | K1-K2-K82 |

| Prove di trazione / Tensile test | | | | |
|----------------------------------|---|--------------------|---------------------------------------|---------------------------------------|
| Filetto Threaded | Carico consigliato Recommended Loads | Rottura Failure | Coppia di chiusura Clamping torque | Carico Scorrimento Frictional load |
| | kN | kN | Nm | N |
| M6 | 3,62 | >10,85 | 15 | 660 |
| M8 | 4,93 | >14,80 | 28 | 3000 |
| M10 | 7,03 | >21,10 | 56 | 4500 |
| M12 | 9,07 | >27,20 | 65 | 5700 |

| Dado rapido con rondella quadra preassemblata Preassembled nut and washer | | | | |
|--|-------------------|----------------|-----------------------|--------------------|
| Zinc. Eletttr. Electr.Galv. | Filetto Thread | Peso Weight | Confezione Packing | Profilo Channel |
| | mm | Kg/100 | N° | |
| L66517108 | M 8 x 60 | 0,050 | 100 | K1-K2-K82 |

| Tappo terminale in plastica / Plastic end cap | | | | | |
|---|---------------------------|------------------|----------------|-----------------------|--------------------|
| Codice con marchio GL Code | Codice no marchio Code | Colore Colour | Peso Weight | Confezione Packing | Profilo Channel |
| | | | Kg/100 | N° | cm |
| LA101CGL | | blue | 0,5 | 50 | K1 |
| LA102CGL | | blue | 0,5 | 50 | K2 |
| | LA101CGLNM | blue | 0,5 | 100 | K1 |
| | LA102CGLNM | blue | 0,5 | 100 | K2 |

Tappi per profilo di spessore 2,5 mm; questi tappi non sono applicabili a profili di spessore 2 mm
 Plugs for 2.5 mm thick profile; These caps are not applicable to 2mm thick threads.



Vite T.E.

Vite a Testa Esagonale con gambo interamente filettato UNI5739.
 Classe 8.8

Hexagon headed bolt

Hexagon Headed T.bolt with all threaded UNI5739
 8.8 class

| Viti T.E. UNI 5739 T bolt | | | |
|---------------------------|---------------|----------|--------|
| Zincato elettr. | Inox 316 | Filetto | Peso |
| Electr. Galvanized | A4 St. steel | Thread | Weight |
| | | | M |
| | | | Kg/100 |
| ATZ0620 | ATI0620-A316 | M 6x20 | 0,58 |
| ATZ0625A | ATI0625-A316 | M 6x25 | 0,67 |
| ATZ0630 | ATI0630-A316 | M 6x30 | 0,75 |
| ATZ0640 | ATI0640-A316 | M 6x40 | 0,94 |
| ATZ0650 | ATI0650-A316 | M 6x50 | 1,12 |
| | | | |
| ATZ0820 | ATI0820-A316 | M 8x20 | 1,22 |
| ATZ0825 | ATI0825-A316 | M 8x25 | 1,38 |
| ATZ0830 | ATI0830-A316 | M 8x30 | 1,55 |
| ATZ0840 | ATI0840-A316 | M 8x40 | 1,88 |
| ATZ0850 | ATI0850-A316 | M 8x50 | 2,21 |
| ATZ0860 | ATI0860-A316 | M 8x60 | 2,55 |
| ATZ0870 | ATI0870-A316 | M 8x70 | 2,86 |
| ATZ0880 | ATI0880-A316 | M 8x80 | 3,22 |
| ATZ08100 | ATI08100-A316 | M 8x100 | 3,90 |
| | | | |
| ATZ1020 | ATI1020-A316 | M 10x20 | 2,3 |
| ATZ1030 | ATI1030-A316 | M 10x30 | 2,76 |
| ATZ1040 | ATI1040-A316 | M 10x40 | 3,26 |
| ATZ1050 | ATI1050-A316 | M 10x50 | 3,76 |
| ATZ1060 | ATI1060-A316 | M 10x60 | 4,26 |
| ATZ1070 | ATI1070-A316 | M 10x70 | 4,76 |
| ATZ1080 | | M 10x80 | 5,28 |
| ATZ10100 | | M 10x100 | 6,30 |
| | | | |
| ATZ1220 | ATI1220-A316 | M 12x20 | 3,23 |
| ATZ1230 | ATI1230-A316 | M 12x30 | 3,96 |
| ATZ1240 | ATI1240-A316 | M 12x40 | 4,7 |
| ATZ1250 | ATI1250-A316 | M 12x50 | 5,44 |
| ATZ1260 | ATI1260-A316 | M 12x60 | 6,18 |
| ATZ1270 | ATI1270-A316 | M 12x70 | 7,65 |
| ATZ1280 | ATI1280-A316 | M 12x80 | 8,13 |
| ATZ12100 | ATI12100-A316 | M 12x100 | 9,10 |



| Dado UNI 5588 - DIN 934 Nut | | | | |
|-----------------------------|--------------|--------|--------|------------|
| Zinc Elettr. | Inox 316 | Misura | Peso | Confezione |
| Elect. Galv. | A4 St. steel | Size | Weight | Packing |
| | | | M | N° |
| | | | Kg/100 | |
| ADZ06 | ADI06-A316 | M 6 | 0,25 | 250 |
| ADZ08 | ADI08-A316 | M 8 | 0,53 | 250 |
| ADZ10 | ADI10-A316 | M 10 | 1,69 | 250 |
| ADZ12 | ADI12-A316 | M 12 | 3,33 | 250 |
| ADZ16 | ADI16-A316 | M 16 | 3,33 | 250 |



| Rondella Piana UNI 6592 Plain washer | | | | | |
|--------------------------------------|--------------|--------|-----------|-----------|--------|
| Zinc Eletttr. | Inox 316 | Misura | Larghezza | Spessore | Peso |
| Elect. Galv. | A4 St. steel | Size | Width | Thickness | Weight |
| | | M | mm | mm | Kg/100 |
| APZ06 | API06-A316 | M 6 | 12 | 1,6 | 0,11 |
| APZ08 | API08-A316 | M 8 | 16 | 1,6 | 0,22 |
| APZ10 | API10-A316 | M 10 | 20 | 2,0 | 0,41 |
| APZ12 | API12-A316 | M 12 | 24 | 2,5 | 0,80 |
| APZ16 | API16-A316 | M 16 | 30 | 3,0 | 1,30 |
| APZ20 | | M20 | 37 | 3,0 | 1,70 |
| APZ24 | | M24 | 44 | 4,0 | 3,20 |



| Rondella Piana Larga UNI 6593 Large Flat Washer | | | | | |
|---|--------------|--------|-----------|-----------|--------|
| Zinc Eletttr. | Inox 316 | Misura | Larghezza | Spessore | Peso |
| Elect. Galv. | A4 St. steel | Size | Width | Thickness | Weight |
| | | M | mm | mm | Kg/100 |
| APZ0618 | | M 6 | 18 | 1,6 | 0,50 |
| APZ024 | | M 6 | 24 | 2,0 | 0,52 |
| APZ0824A | API0824-A316 | M 8 | 24 | 2,0 | 0,61 |
| APZ0832A | | M 8 | 32 | 2,0 | 1,16 |
| APZ1030 | API1030-A316 | M 10 | 30 | 2,5 | 1,25 |
| APZ1040 | | M 10 | 40 | 2,5 | 2,40 |
| APZ1236 | | M 12 | 36 | 3,0 | 2,10 |
| APZ1442 | | M 14 | 42 | 3,0 | 2,80 |
| APZ1648 | | M 16 | 48 | 3,0 | 3,70 |



| Rondella Piana Extra Large UNI 6593 Extra Large Flat Washer | | | | | |
|---|--------------|--------|-----------|-----------|--------|
| Zinc Eletttr. | Inox 316 | Misura | Larghezza | Spessore | Peso |
| Elect. Galv. | A4 St. steel | Size | Width | Thickness | Weight |
| | | M | mm | mm | Kg/100 |
| APZ0840x4 | | M 8 | 40 | 4,0 | 3,60 |
| APZ1040x4 | | M 10 | 40 | 4,0 | 3,50 |
| APZ1248x4 | | M 12 | 42 | 4,0 | 4,40 |



| Rondella Grower UNI 1751 Spring washer | | | | | |
|--|----------|--------|-----------|-----------|--------|
| Zinc Eletttr. | AISI 316 | Misura | Larghezza | Spessore | Peso |
| Elect. Galv. | A4 | Size | Width | Thickness | Weight |
| | | M | mm | mm | Kg/100 |
| AGZ06 | | M 6 | 12 | 1,6 | 0,20 |
| AGZ08 | | M 8 | 15 | 2,0 | 0,20 |
| AGZ10 | | M 10 | 18 | 2,2 | 0,30 |
| AGZ12 | | M 12 | 21 | 2,5 | 0,50 |
| AGZ14 | | M 14 | 24 | 3,0 | 0,60 |
| AGZ16 | | M 16 | 27 | 3,5 | 1,00 |
| AGZ18 | | M 18 | 30 | 3,5 | 1,40 |
| AGZ20 | | M 20 | 34 | 4,0 | 1,60 |
| AGZ24 | | M 24 | 40 | 5,0 | 2,70 |



| Manicotto Couplings | | | |
|---------------------|---------|--------|------------|
| Zinc. Elett. | Misura | Peso | Confezione |
| Electr.Galv. | Size | Weight | Packing |
| | M | Kg/pcs | N° |
| L137A | M 6x30 | 0,014 | |
| L139AA | M 8x30 | 0,026 | 250 |
| L140 | M 10x30 | 0,040 | 250 |
| L138 | M 12x36 | 0,048 | 250 |



| Adattatore Adaptorail | | | | |
|-----------------------|--------------------|-----------------|--------|------------|
| Zinc. Elett. | Filetto - Threaded | | Peso | Confezione |
| Electr.Galv. | Femmina Fem tip | Femmina Fem tip | Weight | Packing |
| | M | M | Kg/pcs | N° |
| LF08M10 | M 8 | M 10 | 0,08 | 250 |



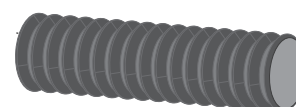
| Tiranti grossi classe 4.6 Threaded rod | | | | | |
|--|--------------|--------|-----------|--------|-----------|
| Zinc. Elett. | Inox 316 | Misura | Lunghezza | Peso | Fasci da |
| Electr.Galv. | A4 St. steel | Size | Lenght | Weight | Bundle of |
| | | M | cm | Kg/pcs | N° |
| TZ08100 | TI08100 | 8 | 100 | 0,031 | 50 |
| TZ08150 | | 8 | 150 | 0,048 | 50 |
| TZ08200 | TI08200 | 8 | 200 | 0,064 | 50 |
| TZ10100 | TI10100 | 10 | 100 | 0,050 | 50 |
| TZ10150 | TI10150 | 10 | 150 | 0,075 | 50 |
| TZ10200 | | 10 | 200 | 0,100 | 50 |
| TZ10250 | TI10250 | 10 | 250 | 0,125 | 50 |
| TZ10300 | TI10300 | 10 | 300 | 0,150 | 50 |



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| Barra filettata classe 4.6 UNI 6610 DIN 976B Threaded rod | | | | |
|---|--------|-----------|--------|-----------|
| Zinc. Elettr. | Misura | Lunghezza | Peso | Fasci da |
| Electr.Galv. | Size | Lenght | Weight | Bundle of |
| | M | mm | kg/pcs | N° |
| BZ06 | M 6 | 1000 | 0,18 | 50 |
| BZ08 | M 8 | 1000 | 0,32 | 50 |
| BZ10 | M 10 | 1000 | 0,50 | 50 |
| BZ12 | M 12 | 1000 | 0,72 | 50 |
| BZ16 | M 16 | 1000 | 1,33 | 50 |
| BZ20 | M 20 | 1000 | 2,08 | 50 |
| BZ24 | M 24 | 1000 | 3,00 | 50 |
| | | | | |
| BZ06/3 | M 6 | 3000 | 0,53 | 50 |
| BZ08/3 | M 8 | 3000 | 0,96 | 50 |
| BZ10/3 | M 10 | 3000 | 1,50 | 50 |
| BZ12/3 | M 12 | 3000 | 2,18 | 50 |
| BZ16/3 | M 16 | 3000 | 4,00 | 50 |
| BZ20/3 | M 20 | 3000 | 6,24 | 50 |
| BZ24/3 | M 24 | 3000 | 10,00 | 50 |



| Barra filettata classe 8.8 UNI 975 Threaded rod | | | | |
|---|--------|-----------|--------|-----------|
| Zinc. Elettr. | Misura | Lunghezza | Peso | Fasci da |
| Electr.Galv. | Size | Lenght | Weight | Bundle of |
| | M | m | Kg/pcs | N° |
| BZ06-88 | M 6 | 1000 | 0,18 | 50 |
| BZ08-88 | M 8 | 1000 | 0,32 | 50 |
| BZ10-88 | M 10 | 1000 | 0,50 | 50 |
| BZ12-88 | M 12 | 1000 | 0,72 | 50 |
| BZ16-88 | M 16 | 1000 | 1,33 | 50 |
| BZ20-88 | M 20 | 1000 | 2,08 | 50 |
| BZ24-88 | M 24 | 1000 | 3,00 | 50 |
| | | | | |
| BZ06/3-88 | M 6 | 3000 | 0,53 | 50 |
| BZ08/3-88 | M 8 | 3000 | 0,96 | 50 |
| BZ10/3-88 | M 10 | 3000 | 1,50 | 50 |
| BZ12/3-88 | M 12 | 3000 | 2,18 | 50 |
| BZ16/3-88 | M 16 | 3000 | 4,00 | 50 |
| BZ20/3-88 | M 20 | 3000 | 6,24 | 50 |
| BZ24/3-88 | M 24 | 3000 | 10,00 | 50 |



Ai fini di migliorare la qualità e le prestazioni dei prodotti GL Locatelli, ci riserviamo la facoltà di apportare modifiche senza alcun preavviso

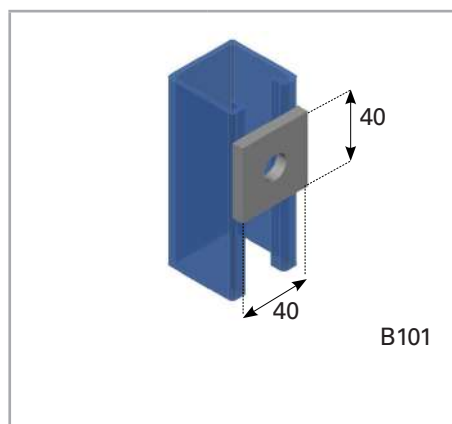
In the interests of improving the quality and performance of GL Locatelli products, we reserve the right to make specification changes without prior notice.

Piastre

Piastre per profili K realizzate con fori diam. 14 mm S235JR : piatto mm 40x6
 - zincato elettrolitico ISO2081 - μm 12
 - zincato a caldo ISO1461 - $\geq \mu\text{m}$ 5
 - inox 304 o 316 : piatto mm 40x5

Plates

Plates K's anchor channels, holes diam. 14 mm, S235JR steel plate 40x6mm
 - Electrolytic galvanized ISO2081 μm 12
 - HDG ISO1461 - $\geq \mu\text{m}$ 55
 - A2 or A4 stainless steel plate 40x5mm

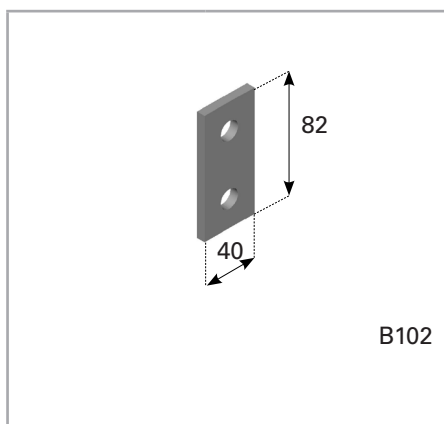


B101

Peso 0,075 Kg **Weight**

LB101 LB101-INOX

LB101-E LB101-A4

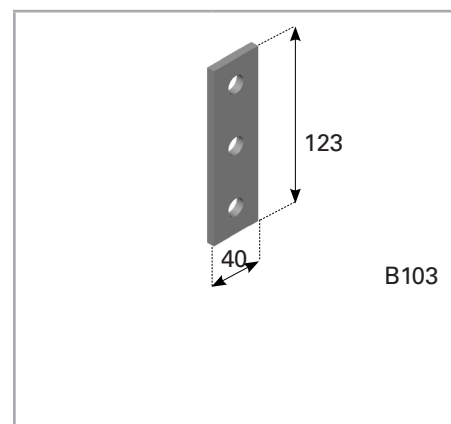


B102

Peso 0,158 Kg **Weight**

LB102 LB102-INOX

LB102-E LB102-A4

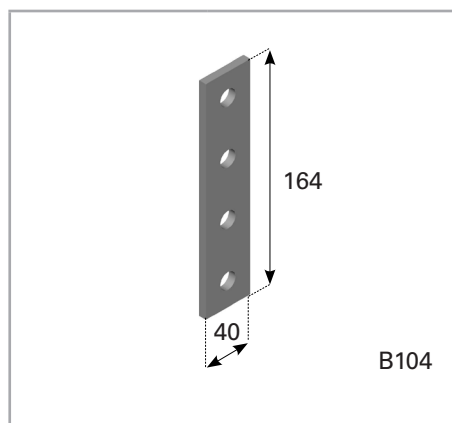


B103

Peso 0,247 Kg **Weight**

LB103 LB103-INOX

LB103-E LB103-A4

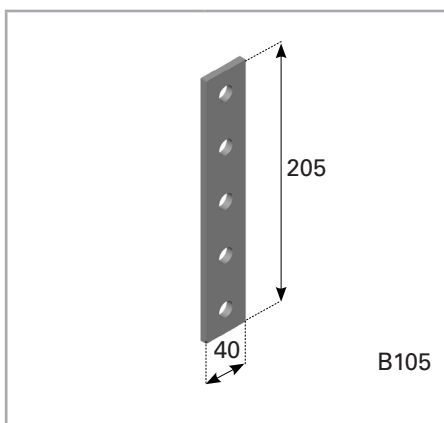


B104

Peso 0,287 Kg **Weight**

LB104 LB104-INOX

LB104-E LB104-A4

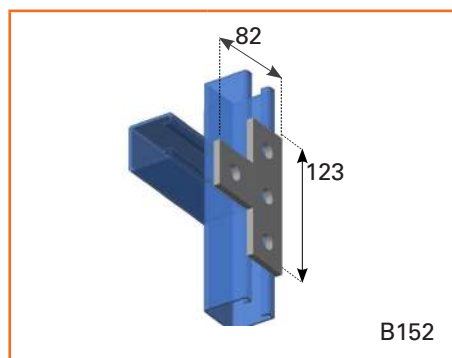


B105

Peso 0,346 Kg **Weight**

LB105 LB105-INOX

LB105-E LB105-A4

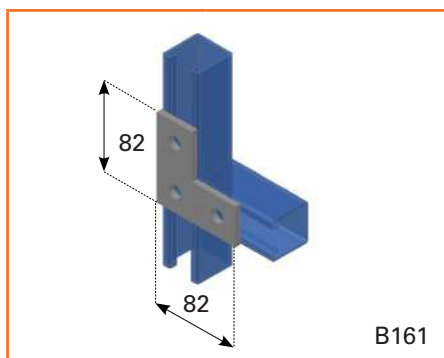


B152

Peso 0,395 Kg **Weight**

LB162 LB162-INOX

LB162-E LB162-A4



B161

Peso 0,220 Kg **Weight**

LB161 LB161-INOX

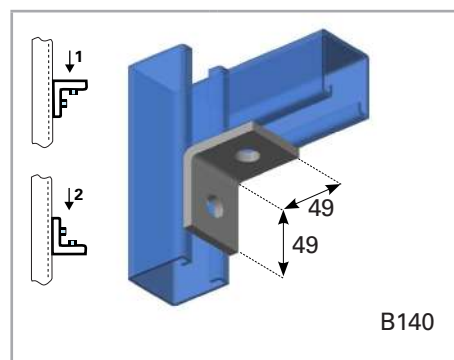
LB161-E LB161-A4

Piastre

Piastre per profili K realizzate con fori diam. 14 mm S235JR : piatto mm 40x6
 - zincato elettrolitico ISO2081 - μm 12
 - zincato a caldo ISO1461 - $\geq \mu\text{m}$ 55
 - inox 304 o 316 : piatto mm 40x5

Plates

Plates K's anchor channels, holes diam. 14 mm, S235JR steel plate 40x6mm
 - Electrolytic galvanized ISO2081 μm 12
 - HDG ISO1461 - $\geq \mu\text{m}$ 55
 - A2 or A4 steel plate 40x5mm



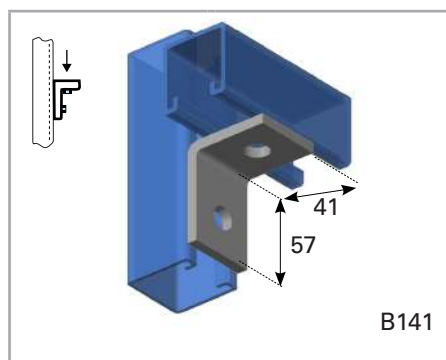
B140

Peso 0,153 Kg **Weight**

Carico max **Max load** 1=6,57 kN 670 Kgf
 2=4,40 kN 450 Kgf

LB140 LB140-INOX

LB140-E LB140-316



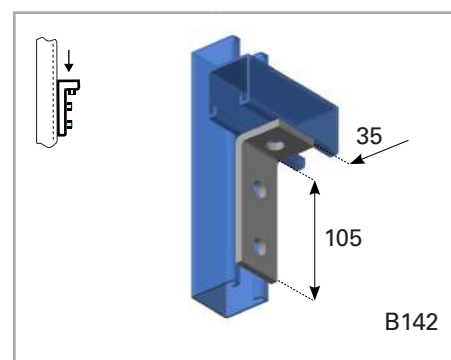
B141

Peso 0,153 Kg **Weight**

Carico max **Max load** 3,38 kN
 345 Kgf

LB141 LB141-INOX

LB141-E LB141-316



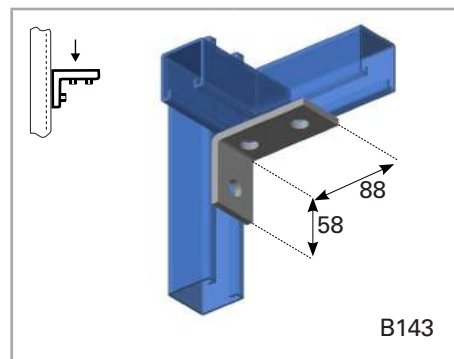
B142

Peso 0,235 Kg **Weight**

Carico max **Max load** 3,38 kN
 345 Kgf

LB142 LB142-INOX

LB142-E LB142-316



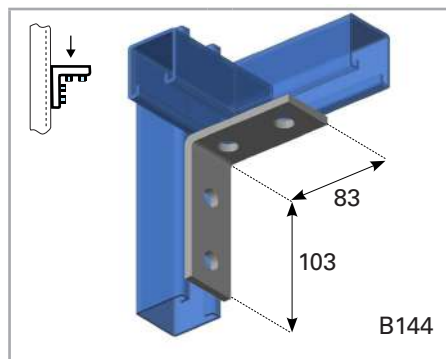
B143

Peso 0,235 Kg **Weight**

Carico max **Max load** 6,57 kN
 670 Kgf

LB143 LB143-INOX

LB143-E LB143-A4



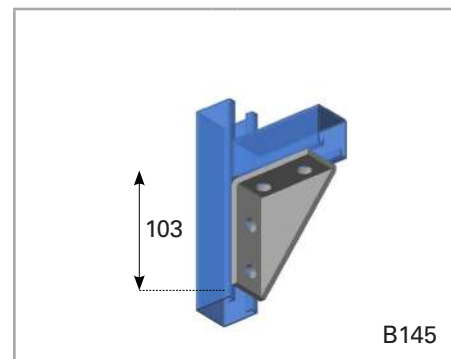
B144

Peso 0,309 Kg **Weight**

Carico max **Max load** 8,43 kN
 860 Kgf

LB144 LB144-INOX

LB144-E LB144-A4



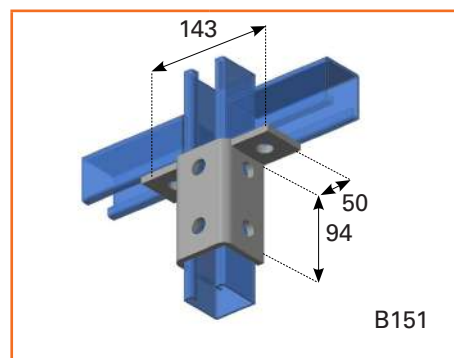
B145

Peso 0,403 Kg **Weight**

Carico max **Max load** 12,26 kN
 1250 Kgf

LB145 LB145-INOX

LB145-E LB145-A4



B151

Peso 0,518 Kg **Weight**

LB151 LB151-INOX

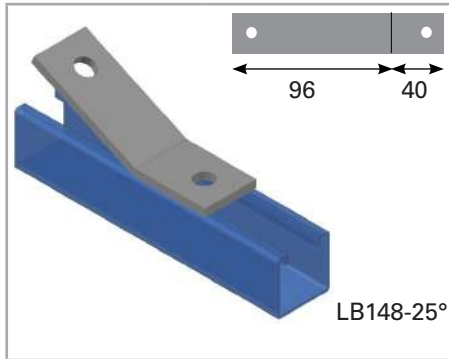
LB151-E LB151-A4

Piastre

Piastre per profili K realizzate con fori diam. 14 mm S235JR : piatto mm 40x6
 - zincato elettrolitico ISO2081 - μm 12
 - zincato a caldo ISO1461 - $\geq \mu\text{m}$ 5
 - inox 304 o 316 : piatto mm 40x5

Plates

Plates K's anchor channels, holes diam. 14 mm, S235JR steel plate 40x6mm
 - Electrolytic galvanized ISO2081 μm 12
 - HDG ISO1461 - $\geq \mu\text{m}$ 55
 - A2 or A4 stainless steel plate 40x5mm

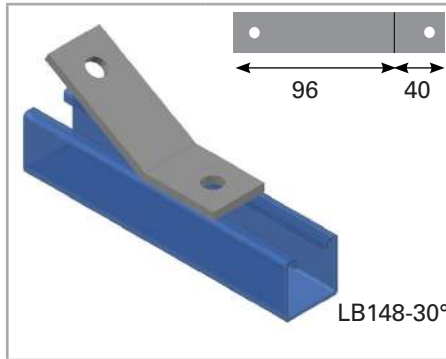


LB148-25°

Peso 0,244 Kg Weight

LB148F LB148F-INOX

LB148F-E LB148F-A4

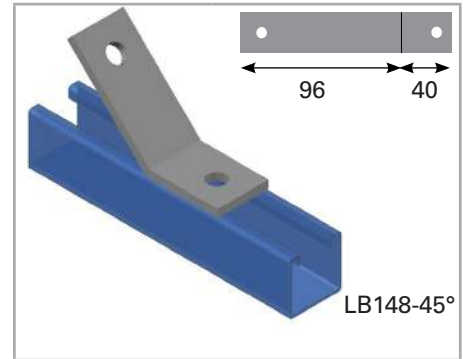


LB148-30°

Peso 0,244 Kg Weight

LB148A LB148A-INOX

LB148A-E LB148A-A4

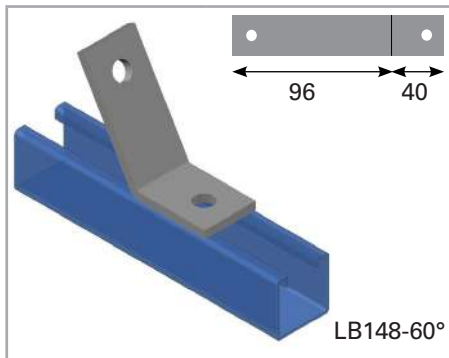


LB148-45°

Peso 0,244 Kg Weight

LB148 LB148-INOX

LB148-E LB148-A4

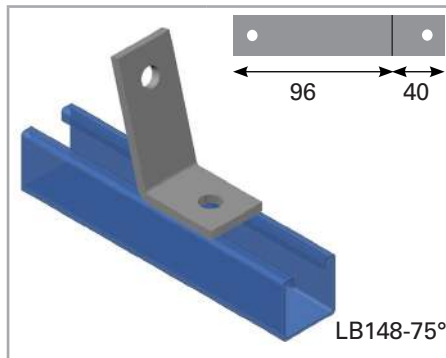


LB148-60°

Peso 0,244 Kg Weight

LB108B LB148B-INOX

LB108B-E LB148B-A4

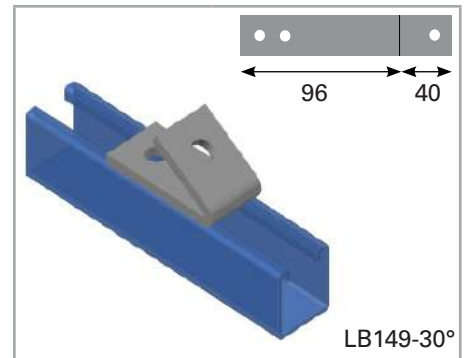


LB148-75°

Peso 0,244 Kg Weight

LB108C LB148C-INOX

LB108C-E LB148C-A4

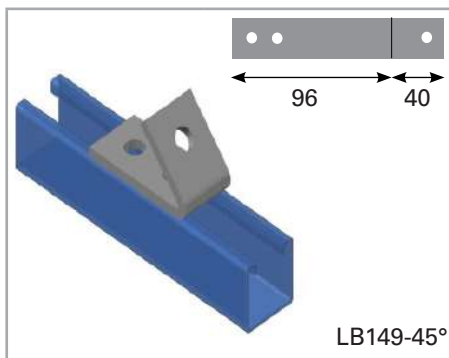


LB149-30°

Peso 0,244 Kg Weight

LB149C LB149C-INOX

LB149C-E LB149C-A4

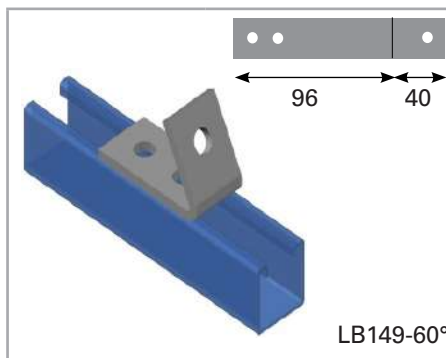


LB149-45°

Peso 0,244 Kg Weight

LB149 LB149-INOX

LB149-E LB149-A4

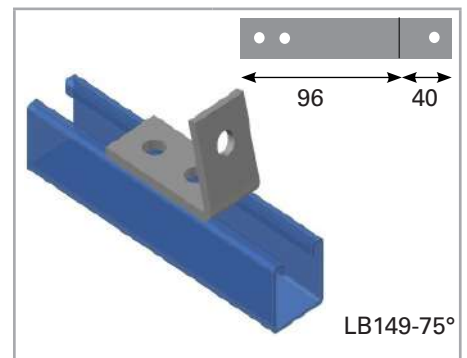


LB149-60°

Peso 0,244 Kg Weight

LB149B LB149B-INOX

LB149B-E LB149B-A4



LB149-75°

Peso 0,244 Kg Weight

LB149A LB149A-INOX

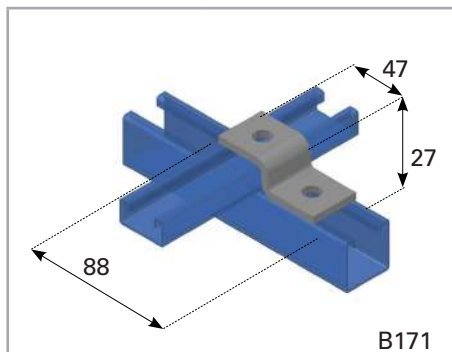
LB149A-E LB149A-A316

Piastre

Piastre per profili K realizzate con fori diam. 14 mm S235JR : piatto mm 40x6
- zincato elettrolitico ISO2081 - μm 12
- zincato a caldo ISO1461 - $\geq \mu\text{m}$ 5
- inox 304 o 316 : piatto mm 40x5

Plates

Plates K's anchor channels, holes diam. 14 mm, S235JR steel plate 40x6mm
- Electrolytic galvanized ISO2081 μm 12
- HDG ISO1461 - $\geq \mu\text{m}$ 55
- A2 or A4 steel plate 40x5mm



B171

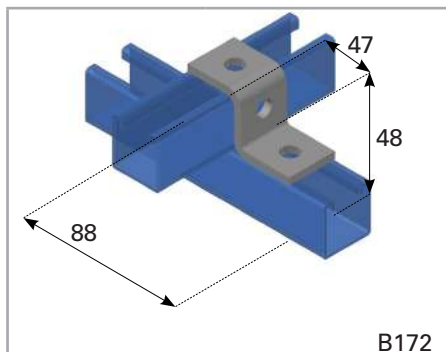
Peso 0,178 Kg Weight

LB171

LB171-INOX

LB171-E

LB171-A4



B172

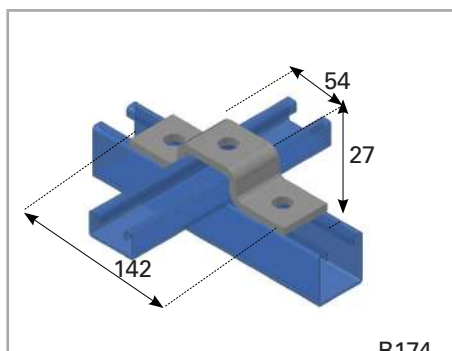
Peso 0,219 Kg Weight

LB172

LB172-INOX

LB172-E

LB172-A4



B174

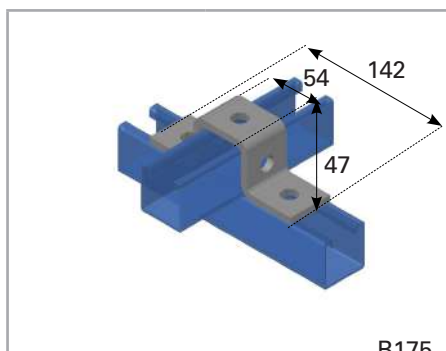
Peso 0,291 Kg Weight

LB174

LB174-INOX

LB174-E

LB174-A4



B175

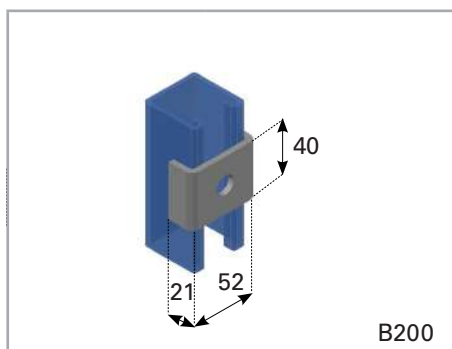
Peso 0,348 Kg Weight

LB175

LB175-INOX

LB175-E

LB175-A4



B200

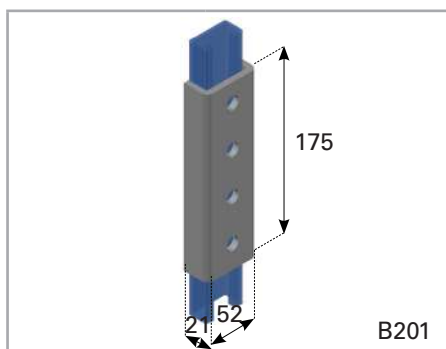
Peso 0,060 Kg Weight

LB200

LB200-INOX

LB200-E

LB200-A4



B201

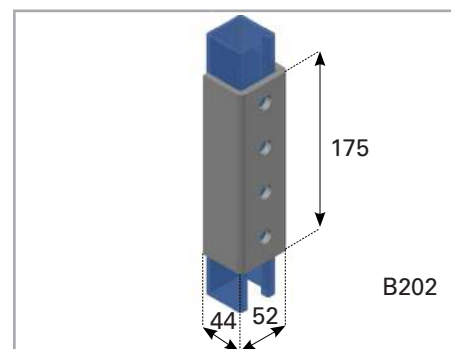
Peso 0,530 Kg Weight

LB201

LB201-INOX

LB201-E

LB201-A4



B202

Peso 0,806 Kg Weight

LB202

LB202-INOX

LB202-E

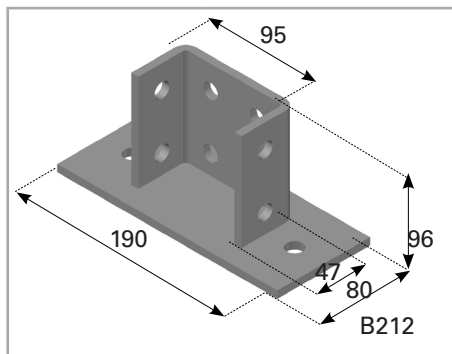
LB202-A4

Piastre

Piastre per profili K realizzate con fori diam. 14 mm S235JR : piatto mm 40x6
 - zincato elettrolitico ISO2081 - μm 12
 - zincato a caldo ISO1461 - $\geq \mu\text{m}$ 5
 - inox 304 o 316 : piatto mm 40x5

Plates

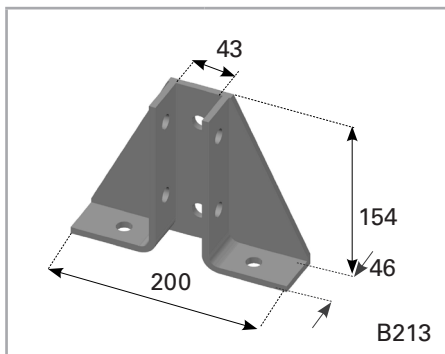
Plates K's anchor channels, holes diam. 14 mm, S235JR steel plate 40x6mm
 - Electrolytic galvanized ISO2081 μm 12
 - HDG ISO1461 - $\geq \mu\text{m}$ 55
 - A2 or A4 stainless steel plate 40x5mm



Peso 1,65 Kg **Weight**

LB212 LB212-INOX

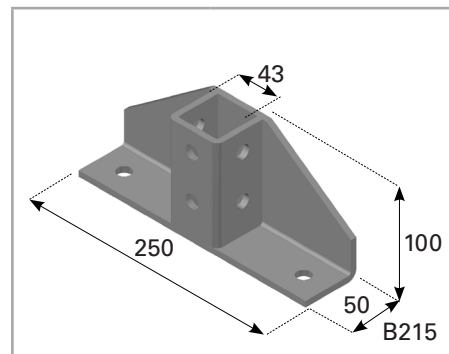
LB212-E LB212-A4



Peso 1,65 Kg **Weight**

LB213 LB213-INOX

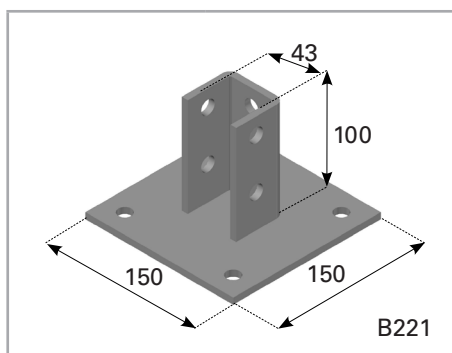
LB213-E LB213-A4



Peso 1,65 Kg **Weight**

LB215 LB215-INOX

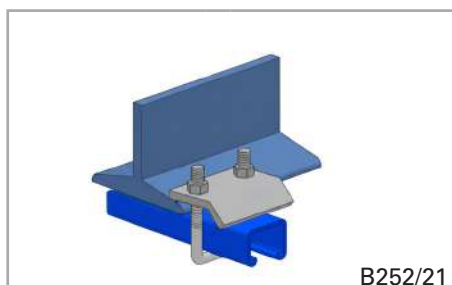
LB215-E LB215-A4



Peso 1,96 Kg **Weight**

LB221 LB221-INOX

LB221-E LB221-A4



B252/21

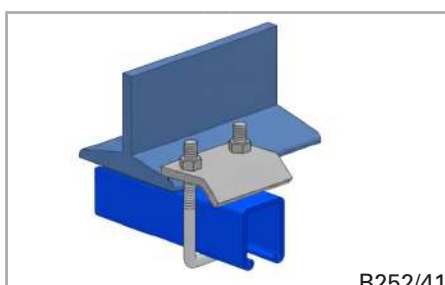
Peso 39,35 Kg/100 **Weight**

Carico max 4,41 kN
 Max load 450 Kgf

Profilo K2 **Channel**

Spessore 4 mm **Thickness**

LB252/21 Not assembled



B252/41

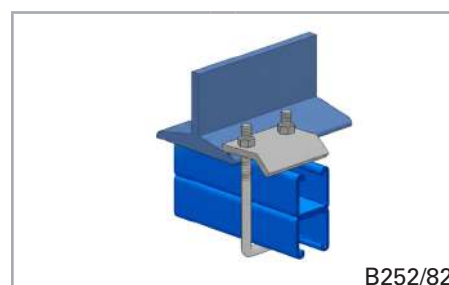
Peso 40,35 Kg/100 **Weight**

Carico max 4,41 kN
 Max load 450 Kgf

Profilo K1 **Channel**

Spessore 4 mm **Thickness**

LB252/41 Not assembled



B252/82

Peso 42,75 Kg/100 **Weight**

Carico max 4,41 kN
 Max load 450 Kgf

Profilo K1D **Channel**

Spessore 4 mm **Thickness**

LB252/82 Not assembled

Morsetti LFL

Morsetto per la sospensione di impianti omologato FM e Vds per l'uso con travi a flangia parallele e coniche, fornito con il foro posteriore liscio o filettato. Viene fornito completo di bullone di serraggio e controdado

I carichi espressi hanno coefficiente di sicurezza = 4 allo snervamento

Materiale

Morsetto: ghisa malleabile zincata elettrolitica

Bullone: classe 8.8 zincato

LFL Clamps

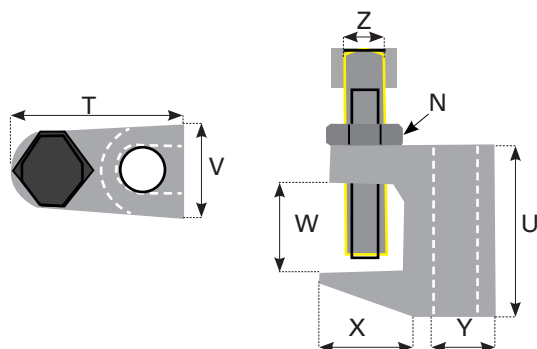
FM and Vds approved flange clamp for use with parallel or tapered flange beams, supplied with the rear hole drilled or tapped.

t comes complete with a clamping bolt and locknut. The stated loads have a safety factor of 4 at yield.

Materials

Clamp: malleable iron zinc plated

Bolt: 8.8 class, zinc plated



Ignifugato in modo indipendente, testato secondo la norma ISO 834 per una durata di 120 minuti. Per conoscere i limiti di carico di resistenza al fuoco, chiedere uff. tecnico.

Independently fire tested in accordance with ISO 834 for a duration of 120 minutes. For fire rated load limits please contact technical office.



Vite Testa esagonale
Hexagon set screw

| Morsetto FL Clamp | | | | | | | | | | | | |
|--------------------|----------------------|------|-----------------|-----------------------|----------------|---------------------|------------|----------|------------|----|-------|----|
| Zinc.Elettrolitica | | Foro | Barra filettata | Resistenza a trazione | Regolazione | Coppia di serraggio | | | Dimensioni | | Larg. | |
| Electrolytic Galv. | | Hole | Threaded | Safe Working Load | Clamping range | Clamping torque | | | Dimentions | | Width | |
| | | Y | Y | Trazione Fos 4:1 | W | Filetto Setscrew | Vite Screw | Dado Nut | T | U | X | V |
| Liscio / Smooth | Filettato / Threaded | mm | | kN | mm | | Nm | Nm | mm | mm | mm | mm |
| LFL16D | LFL16T | 7 | M6 | 1,1 | 3-17 | M8 | 8 | 11 | 36 | 35 | 20 | 19 |
| LFL18D | LFL18T | 9 | M8 | 1,1 | 3-17 | M8 | 8 | 11 | 36 | 35 | 20 | 19 |
| LFL210D* | LFL210T | 11 | M10 | 2,4 | 3-20 | M10 | 8 | 22 | 45 | 40 | 22 | 22 |
| LFL312D | LFL312T | 13 | M12 | 3,1 | 3-24 | M10 | 8 | 22 | 50 | 46 | 28 | 25 |
| LFL412D | LFL412T | 13 | M10 | 3,1 | 9-29 | M10 | 8 | 22 | 53 | 51 | 27 | 26 |

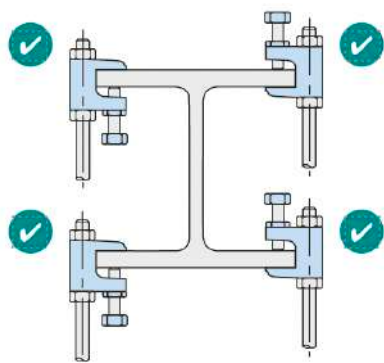
* Disponibile anche in acciaio inox

* Also available in stainless steel

LFL può essere utilizzato con LSW per il collegamento a sezioni inclinate.

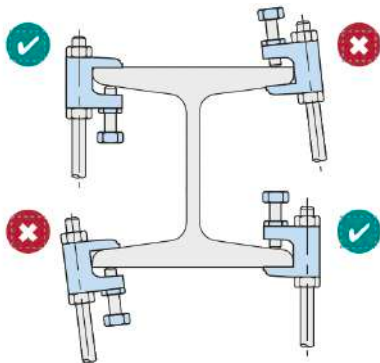
The type LFL can be used with type LSW when connecting to inclined sections.

Installazione



- 1) Inserire il morsetto FL sulla flangia della trave e serrare la vite alla coppia consigliata. Serrare la vite di fissaggio a mano e quindi applicare un ulteriore quarto di giro (90°) con la chiave.
 - 2) Serrare il controdado (N) alla coppia consigliata.
- Sulle flange coniche, la vite di regolazione deve fare presa sulla parte interna della flangia.

Installation



- 1) Slide the Type FL onto the beam flange and tighten setscrew to the recommended torque. As a guide, tighten the setscrew finger tight and then apply an additional quarter turn (90°) with spanner.
 - 2) Tighten the locknut (N) to the recommended torque.
- On tapered flanges, the cup point setscrew has to grip on the inside of the flange.

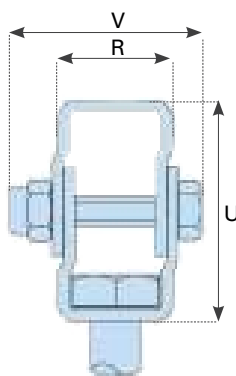
Snodo LSW

Unità girevole per applicazioni su travi inclinate. LSW è completo di vite M10x90 mm cl. 8.8 e dado.



Type LSW

A swivel unit for applications on inclined beams complete with M10x90mm cl. 8.8 setscrew and nut.



| Morsetto FL Clamp | | | | | | | | | |
|--------------------|-----------------|---------------------------|----------------------|-----------|------------------------------|------------|----|----|--------------------|
| Zinc.Elettrolitica | Barra filettata | Resistenza a trazione | Massima inclinazione | Rotazione | Coppia di serraggio Vite 8.8 | Dimensioni | | | Larghezza con vite |
| Electrolytic Galv. | Rod | Safe Working Tensile Load | Maximum Inclination | Rotation | Tighting torque screw 8.8 | Dimensions | | | Width with Bolt |
| | | Fos 4:1 | | | | U | R | Z | V |
| | | kN | | | Nm | mm | mm | mm | mm |
| LSW10 | M10 | 2,4 | 18° | 360° | 11 | 36 | 35 | 8 | 35 |

Morsetti LF3

Materiale

Morsetto: ghisa malleabile zincata a caldo

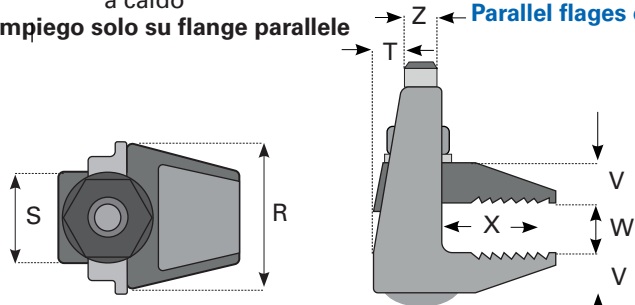
Impiego solo su flange parallele

LF3 Clamps

Materials

Clamp: malleable iron, hot dip galvanised

Parallel flanges only



| Morsetto F3 Clamp | | | | | | | | | | |
|-----------------------|-----------------------|----------|----------|------------------|----------------------|------------|---------|---------|---------|-----------|
| Zinc.a caldo | Zinc.a caldo | Vite 4.6 | Trazione | Spessore flangia | Coppia di serraggio* | Dimensioni | | | | Larghezza |
| Hot dip Galv. | Hot dip Galv. | Bolt 4.6 | Tensile | Clamping range | Tightening Torque* | Dimentions | | | | Width |
| Senza vite No bolt | Con vite With bolt | Z | kN | W mm | Nm | S mm | T mm | V mm | X mm | R mm |
| LF308NB | LF308NC | M8 | 0,9 | 2-25 | 6 | 19 | 6 | 8 | 20 | 33 |
| LF310NB | LF310NC | M10 | 1,2 | 2-30 | 20 | 22 | 7 | 10 | 25 | 38 |
| LF312NB | LF312NC | M12 | 2,0 | 2-40 | 39 | 29 | 9 | 12 | 35 | 49 |
| LF316NB | LF316NC | M16 | 4,0 | 3-55 | 93 | 36 | 12 | 16 | 46 | 60 |
| LF320NB | LF320NC | M20 | 6,0 | 5-70 | 177 | 44 | 15 | 19 | 55 | 76 |

* I valori di coppia si basano su bulloni/viti di serraggio non lubrificati.

* Torque figures based on bolts / setscrews in an unlubricated condition.



Morsetti LF9

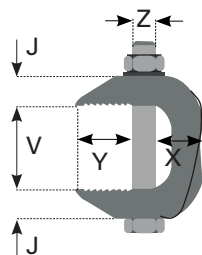
Materiale

Morsetto: ghisa malleabile zincata a caldo

LF9 Clamps

Materials

Clamp: malleable iron hot dip galvanised



| Morsetto F9 Clamp | | | | | | | | | | |
|----------------------------|-----------------------|----------|----------|------------------|---------------------|------------|---------|---------|---------|-----------|
| Zinc.a caldo | Zinc.a caldo | Vite 8.8 | Trazione | Spessore flangia | Coppia di serraggio | Dimensioni | | | | Larghezza |
| Hot dip Galv. | Hot dip Galv. | Bolt 8.8 | Tensile | Clamping range | Tightening Torque | Dimentions | | | | Width |
| Senza vite without bolt | Con vite With bolt | Z | kN | V mm | Nm | Y mm | J mm | X mm | R mm | |
| LF910NB | LF910NC | M10 | 2,0 | 19-42 | 20 | 25 | 13 | 19 | 24 | |
| LF912NB | LF912NC | M12 | 2,8 | 26-60 | 39 | 35 | 17 | 24 | 30 | |
| LF916NB | LF916NC | M16 | 5,6 | 29-69 | 93 | 43 | 21 | 28 | 35 | |
| LF920NB | LF920NC | M20 | 8,4 | 32-82 | 177 | 51 | 25 | 48 | 44 | |
| LF924NBHDG | LF924NCHDG | M24 | 14,0 | 45-95 | 235 | 76 | 38 | 55 | 63 | |



Doppio Attacco M8/10

M8/10 Double-anchorage pipe-rings

| Collare con gomma leggero attacco rapido Light pipe ring with rubber | | | | | |
|--|--------------|----------------------------|------------------------------------|-----------------------------------|-----------------------|
| Zinc.Elettrolitica Electrolytic Galv. | Ø DN Ø ND | Ø est. tubo Ø est. pipe | Ø Attacco filet. Ø Threaded nut | Sez. del collare Clamp section | Confezione Packing |
| | " | mm | M | mm | n° |
| L132015D | 1/4" | 12-16 | M 8/10 | 20x1,25 | 50 |
| L132018D | 3/8" | 15-19 | M 8/10 | 20x1,25 | 50 |
| L132022D | 1/2" | 20-24 | M 8/10 | 20x1,25 | 50 |
| L132028D | 3/4" | 25-28 | M 8/10 | 20x1,25 | 50 |
| L132035D | 1" | 31-35 | M 8/10 | 20x1,25 | 50 |
| L132042D | 1" 1/4 | 40-45 | M 8/10 | 20x1,25 | 50 |
| L132048D | 1" 1/2 | 48-52 | M 8/10 | 20x1,25 | 50 |
| L132060D | 2" | 60-64 | M 8/10 | 20x1,25 | 50 |



| Collare con gomma medio Mean pipe ring with rubber | | | | |
|--|--------------|----------------------------|------------------------------------|-----------------------|
| Zinc.Elettrolitica Electrolytic Galv. | Ø DN Ø ND | Ø est. tubo Ø est. pipe | Ø Attacco filet. Ø Threaded nut | Confezione Packing |
| | " | mm | M | n° |
| L115018 | 3/8" | 15-19 | M 8 / M 10 | 100 |
| L115022 | 1/2" | 20-25 | M 8 / M 10 | 100 |
| L115028 | 3/4" | 26-30 | M 8 / M 10 | 100 |
| L115035 | 1" | 32-36 | M 8 / M 10 | 100 |
| L115040 | 1" 1/4 | 38-43 | M 8 / M 10 | 100 |
| L115048 | 1" 1/2 | 47-51 | M 8 / M 10 | 100 |
| L115060 | 2" | 60-64 | M 8 / M 10 | 50 |
| L115075 | 2" 1/2 | 74-79 | M 8 / M 10 | 50 |
| L115090 | 3" | 87-92 | M 8 / M 10 | 50 |
| L115100 | 3" 1/2 | 99-105 | M 8 / M 10 | 50 |
| L115115 | 4" | 113-118 | M 8 / M 10 | 50 |
| L115140 | 5" | 138-142 | M 8 / M 10 | 25 |
| L115160 | 6" | 159-165 | M 8 / M 10 | 25 |



Collare

Collare in acciaio zincato completo di viti testa esagonale con taglio a croce

Dimensione 3/8"

Carico max kN 1,96

Carico rottura kN 5,90

Pipe ring

Pipe ring zinc plated mild steel bolts completed

3/8" Dimension

Break load kN 1,96

Recommended load kN 5,90

| Collare Pipe ring | | | | |
|--------------------|--------|-------------|---------------------|------------|
| Zinc.Elettrolitica | Ø DN | Ø est. tubo | Ø Attacco filettato | Confezione |
| Electrolytic Galv. | Ø ND | Ø est. pipe | Ø Threaded nut | Packing |
| | ø | mm | | n° |
| LP120/01B | 3/8" | 15-19 | M 8 / M 10 | 100 |
| LP120/02B | 1/2" | 20-25 | M 8 / M 10 | 100 |
| LP120/03B | 3/4" | 26-30 | M 8 / M 10 | 100 |
| LP120/04B | 1" | 32-36 | M 8 / M 10 | 100 |
| LP120/05B | 1" 1/4 | 38-43 | M 8 / M 10 | 100 |
| LP120/06B | 1" 1/2 | 47-51 | M 8 / M 10 | 100 |
| LP120/07B | 2" | 60-64 | M 8 / M 10 | 50 |
| LP120/09B | 2" 1/2 | 74-79 | M 8 / M 10 | 50 |
| LP120/10B | 3" | 87-92 | M 8 / M 10 | 50 |
| LP120/11B | 4" | 113-118 | M 8 / M 10 | 50 |
| LP120/12B | 5" | 138-243 | M 8 / M 10 | 25 |
| LP120/13B | 6" | 159-165 | M 8 / M 10 | 25 |



| Tassello doppio filetto per collare | | | | | |
|---|----------|---------|---------------|--------|------------|
| Double threaded fastening for pipe ring | | | | | |
| Zinc.Elettrolitica | Vite | Filetto | Filetto Legno | Peso | Confezione |
| Electrolytic Galv. | Screw | Thread | Wood thread | Weight | Packing |
| | " | mm | mm | mm | mm |
| LP120-V8+T | M 8x90 | 30 | 60 | 0,24 | 50 |
| LP120-V10+T | M 10x120 | 30 | 90 | 0,24 | 25 |



Collare inox 316

Collare in acciaio inox AISI 316 completo di viti e rondelle in plastica preassemblate

A4 Stainless steel pipe ring

Stainless steel clamp A4 completed with plastic washers preassembled

| Collare inox 316 A4 Pipe ring | | | | | |
|-------------------------------|--------|-------------|---------------------|------------------|------------|
| Aisi 316 | Ø DN | Ø est. tubo | Ø Attacco filettato | Sez. del collare | Confezione |
| A4 | Ø ND | Ø est. pipe | Ø Threaded nut | Clamp section | Packing |
| | " | mm | | mm | n° |
| L130018 | 3/8" | 15-19 | M8-M10 | 20x2,0 | 50 |
| L130022 | 1/2" | 20-25 | M8-M10 | 20x2,0 | 50 |
| L130028 | 3/4" | 28-30 | M8-M10 | 20x2,0 | 50 |
| L130035 | 1" | 32-36 | M8-M10 | 20x2,0 | 50 |
| L130040 | 1" 1/4 | 38-43 | M8-M10 | 20x2,0 | 50 |
| L130048 | 1" 1/2 | 47-51 | M8-M10 | 20x2,0 | 25 |
| L130060 | 2" | 60-64 | M8-M10 | 20x2,0 | 25 |
| L130075 | 2" 1/2 | 75-80 | M8-M10 | 20x2,0 | 25 |
| L130090 | 3" | 87-92 | M8-M10 | 20x2,0 | 25 |
| L130115 | 4" | 113-118 | M8-M10 | 20x2,0 | 25 |
| L130140 | 5" | 138-142 | M8-M10 | 20x2,0 | 25 |
| L130160 | 6" | 159-166 | M8-M10 | 20x2,0 | 25 |



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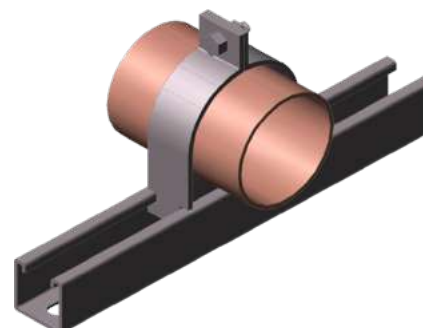
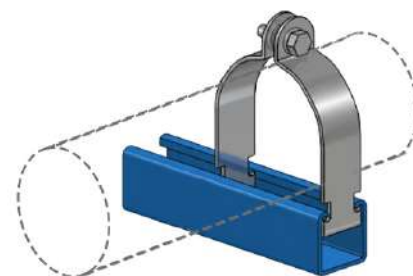
Collari per profili

Collari per fissaggio rapido di tubi ai profili serie K

Pipe rings for channel

Pipe rings for quick pipes fastening to K channels

| Collare per profili | | Pipe ring for channel | | | |
|---------------------|--------|-----------------------|------------------------|--------|------------|
| Zinc.Elettrolitica | Ø DN | Ø est. tubo | Ø Vite di chiusura | Peso | Confezione |
| Electrolytic Galv. | Ø ND | Ø est. pipe | Ø Set screw on the top | Weight | Packing |
| | " | mm | | Kg/100 | n° |
| LP101/06 | 3/8" | 14-16 | M 6x25 | 6,10 | 100 |
| LP101/07 | 1/2" | 20-22 | M 6x25 | 6,49 | 100 |
| LP101/09 | 3/4" | 26-30 | M 6x25 | 7,20 | 100 |
| LP101/10 | 1" | 31-35 | M 6x25 | 8,80 | 100 |
| LP101/12 | 1" 1/4 | 40-45 | M 8x25 | 10,4 | 100 |
| LP101/13 | 1" 1/2 | 45-50 | M 8x25 | 15,5 | 100 |
| LP101/16 | 2" | 60-65 | M 8x25 | 16,6 | 50 |
| LP101/19 | 2" 1/2 | 75-80 | M 8x25 | 18,3 | 50 |
| LP101/21 | 3" | 85-90 | M 8x25 | 20,5 | 50 |
| LP101/24 | 3" 1/2 | 100-105 | M 8x25 | 28,9 | 50 |
| LP101/26 | 4" | 110-120 | M 8x25 | 34,1 | 50 |
| LP101/29 | 5" | 140-150 | M 8x25 | 39,6 | 50 |
| LP101/31 | 6" | 160-170 | M 8x25 | 45,3 | 50 |
| LP101/33 | 8" | 213-225 | M 8x25 | | 50 |



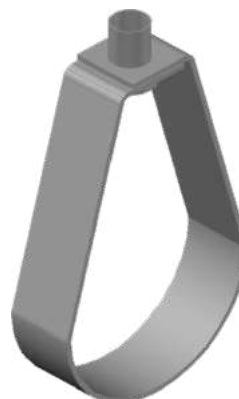
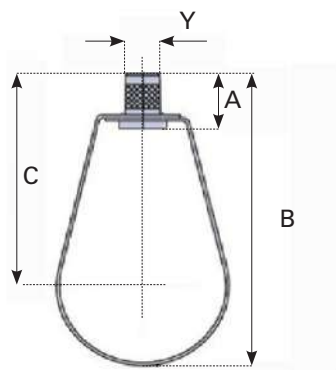
Collare a pera

Collare per la sospensione di impianti antincendio tipo sprinkler in Acciaio S235JR zincato UNI EN10142 - μm 19-21
 Fornito completo di apposito dado.

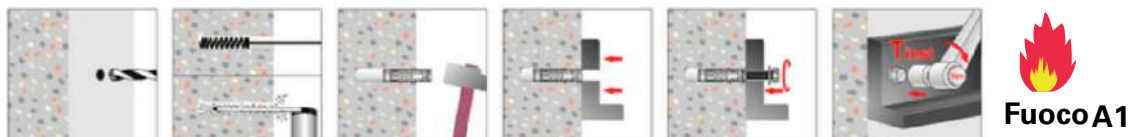
Strap hangers

Hangers suitable to bear fire-fighting Sprinkler systems in steel S235JR sendzimir galvanized UNI EN10142 μm 19-21
 It is supplied equipped with special nut.

| Collare a pera Strap Hangers | | | | | | | |
|--|--------------------------------------|--------------|------|-----|-------|-------------|-------------|
| Zinc.Elettrolitica Electrolytic Galv. | \varnothing DN \varnothing ND | Tubo Pipe | A | B | C | dado nut | Foro y Y |
| | " | mm | mm | mm | n° | | |
| LSH025N+DADO | 1" | 25 | 22 | 75 | 57,5 | 10 | 11 |
| LSH032N+DADO | 1"1/4 | 32 | 22 | 86 | 64 | 10 | 11 |
| LSH040N+DADO | 1"1/2 | 40 | 22 | 99 | 74 | 10 | 11 |
| LSH050N+DADO | 2" | 50 | 22 | 116 | 85 | 10 | 11 |
| LSH065N+DADO | 2"1/2 | 65 | 22 | 135 | 96,5 | 10 | 11 |
| LSH080N+DADO | 3" | 80 | 22 | 159 | 114 | 10 | 11 |
| LSH100N+DADO | 4" | 100 | 22 | 219 | 161 | 10) | 11 |
| LSH125N+DADO | 5" | 125 | 26,5 | 247 | 177 | 12 | 13 |
| LSH150N+DADO | 6" | 150 | 26,5 | 284 | 199,5 | 12 | 13 |
| LSH200N+DADO | 8" | 200 | 24 | 373 | 261 | 16 | 18 |



| Tassello DX00 Dowel | | | | |
|---------------------|------------|------------------|------|------------|
| Zinc.Elettrolitica | Ø Foratura | Lungh. Ancorante | Vite | Confezione |
| Electrolytic Galv. | Ø Hole | Length drill | Scew | Packing |
| | mm | mm | M | N° |
| DX0010045 | 10 | 45 | 6 | 100 |
| DX0012050 | 12 | 50 | 8 | 50 |
| DX0015060 | 15 | 60 | 10 | 25 |



| Tassello DX01 Dowel | | | | | | |
|---------------------|------------|---------------------|-------|--------------|--------|------------|
| Zinc.Elettrolitica | Ø Foratura | Lunghezza ancorante | Vite | Lungh. Vite | Chiave | Confezione |
| Electrolytic Galv. | Ø Hole | Length drill | Screw | Length screw | SW | Packing |
| | mm | mm | M | mm | SW | N° |
| DX0110045 | 10 | 45/5 | 6 | 50 | 10 | 50 |
| DX0112050 | 12 | 50/10 | 8 | 60 | 13 | 50 |
| DX0115060 | 15 | 60/20 | 10 | 80 | 17 | 25 |
| DX0118075 | 18 | 75 | 12 | 90 | 19 | 20 |



| Tassello AJE01 Dowel | | | |
|----------------------|-------------|--------------|------------|
| Zinc.Elettrolitica | Ø Ancorante | Lungh.Anc. | Confezione |
| Electrolytic Galv. | Ø Drill | Length drill | Packing |
| | mm | mm | N° |
| AJE0108080 | 8 | 80/10 | 100 |
| AJE0108110 | 8 | 110/40 | 100 |
| AJE0110095 | 10 | 95/10 | 100 |
| AJE0110105 | 10 | 105/20 | 100 |
| AJE0110125 | 10 | 125/40 | 100 |
| AJE0112115 | 12 | 115/10 | 100 |



| Tassello AK01 Dowel | | | | |
|---------------------|---------------|------------|------------------|------------|
| Ottone | Ø Filettatura | Ø Foratura | Lungh. Ancorante | Confezione |
| Brass dowel | Ø Threaded | Ø Hole | Length drill | Packing |
| | M | mm | mm | N° |
| AK0100006 | 6 | 8 | 23.5 | 200 |
| AK0100008 | 8 | 10 | 28 | 200 |
| AK0100010 | 10 | 12 | 33 | 100 |



FuocoA1

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