

# WBR | WBO | WVS | WHO

## ANGOLARI STANDARD

### GAMMA COMPLETA

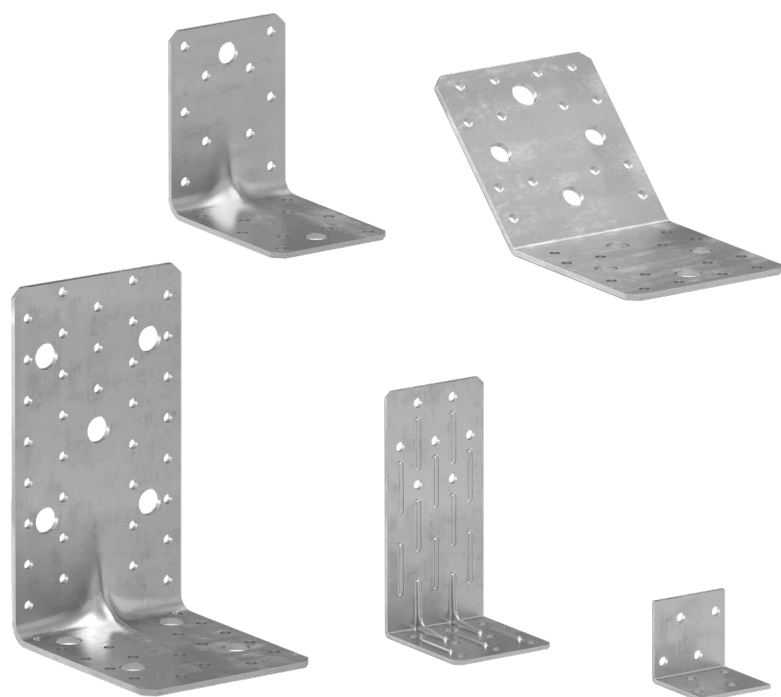
Angolari semplici ed efficienti disponibili in svariate misure, per soddisfare ogni esigenza strutturale e non.

### LEGNO E CALCESTRUZZO

Grazie ai numerosi fori e alla loro disposizione, sono adatti all'utilizzo sia su legno che su calcestruzzo.

### CERTIFICAZIONE

Idoneità all'uso garantita dalla marcatura CE secondo ETA.



### CLASSE DI SERVIZIO

|     |     |                    |        |
|-----|-----|--------------------|--------|
| SC1 | SC2 | WBR, WBO, WVS, WHO |        |
| SC1 | SC2 | SC3                | WBR A2 |

### MATERIALE

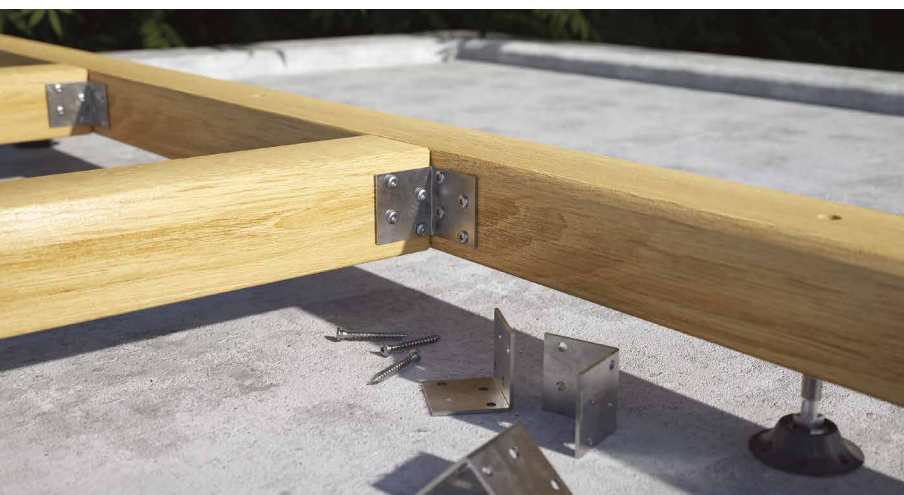
|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| <b>DX51D</b><br>Z275  | <b>WBR:</b> acciaio al carbonio DX51D +Z275                    |
| <b>A2</b><br>AISI 304 | <b>WBR A2, WHO A2, LBV A2:</b> acciaio inossidabile A2 AISI304 |
| <b>S250</b><br>Z275   | <b>WBO - WVS - WHO:</b> acciaio al carbonio S250GD +Z275       |

### CAMPI D'IMPIEGO

Applicazioni strutturali o non, per il fissaggio di qualsiasi elemento in legno.  
Adatte per piccole strutture, arredi e piccole connessioni di falegnameria.

Applicare su:

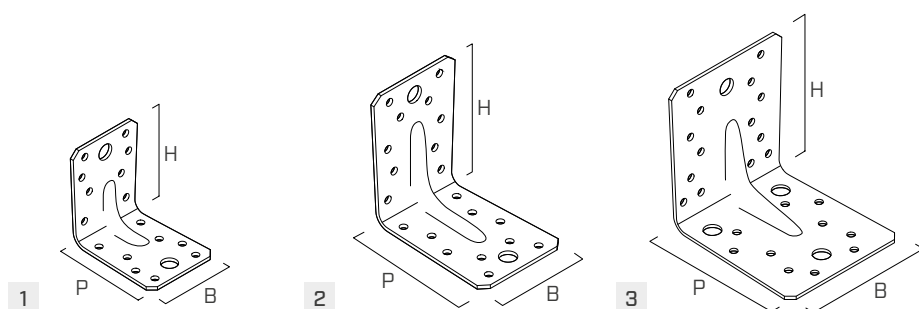
- legno massiccio e lamellare
- LVL
- altri materiali a base legno



## CODICI E DIMENSIONI

### WBR 70-90-100

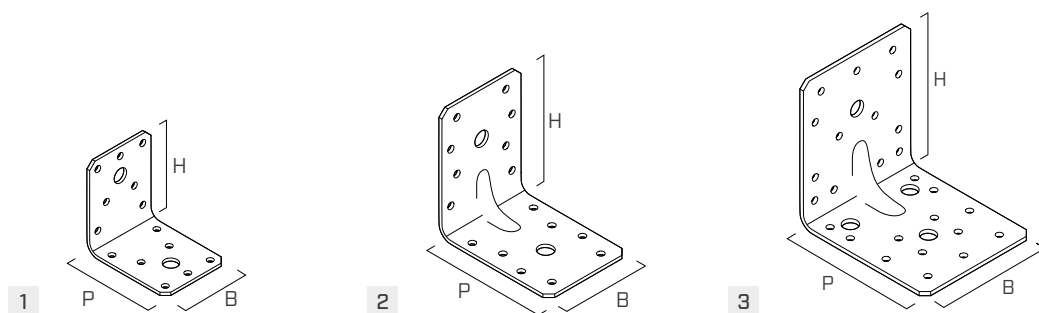
DX510  
2275



| CODICE     | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n Ø11<br>[pz.] |  |  | pz. |
|------------|-----------|-----------|-----------|-----------|---------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|
| 1 WBR07015 | 55        | 70        | 70        | 1,5       | 16            | 2              | ●                                                                                   | ●                                                                                   | 100 |
| 2 WBR09015 | 65        | 90        | 90        | 1,5       | 20            | 2              | ●                                                                                   | ●                                                                                   | 100 |
| 3 WBR10020 | 90        | 105       | 105       | 2,0       | 24            | 4              | ●                                                                                   | ●                                                                                   | 50  |

### WBR A2 70-90-100

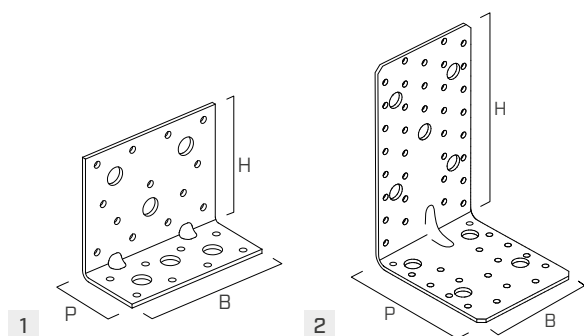
A2  
AISI 304



| CODICE    | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n Ø11<br>[pz.] |  |  | pz. |
|-----------|-----------|-----------|-----------|-----------|---------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| 1 AI7055  | 55        | 70        | 70        | 2,0       | 14            | 2              | ●                                                                                     | ●                                                                                     | 100 |
| 2 AI9065  | 65        | 90        | 90        | 2,5       | 16            | 2              | ●                                                                                     | ●                                                                                     | 100 |
| 3 AI10090 | 90        | 105       | 105       | 2,5       | 26            | 4              | ●                                                                                     | ●                                                                                     | 50  |

### WBR 90110-170

DX510  
2275

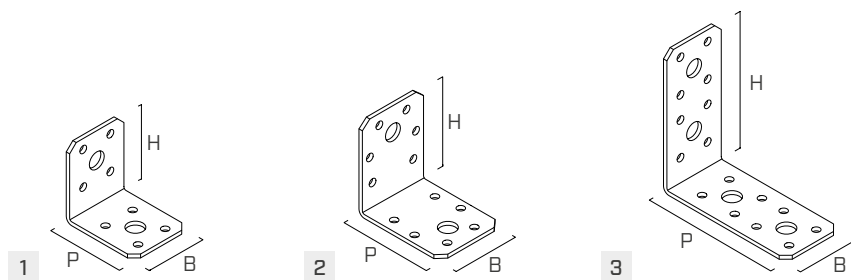


| CODICE     | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n Ø13<br>[pz.] |  |  | pz. |
|------------|-----------|-----------|-----------|-----------|---------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| 1 WBR90110 | 110       | 50        | 90        | 3,0       | 21            | 6              | ●                                                                                     | ●                                                                                     | 50  |
| 2 WBR170   | 95        | 114       | 174       | 3,0       | 53            | 9              | ●                                                                                     | ●                                                                                     | 25  |

## CODICI E DIMENSIONI

### WBO 50 - 60 - 90

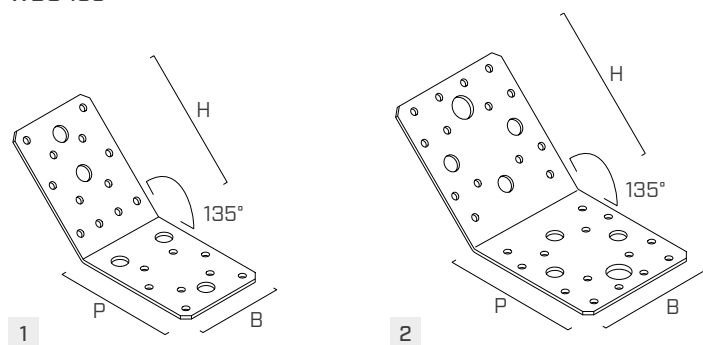
S250  
Z275



| CODICE    | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n Ø11<br>[pz.] |  |  | pz. |
|-----------|-----------|-----------|-----------|-----------|---------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|
| 1 WBO5040 | 40        | 50        | 50        | 2,5       | 8             | 2              | ●                                                                                   | ●                                                                                   | 150 |
| 2 WBO6045 | 45        | 60        | 60        | 2,5       | 12            | 2              | ●                                                                                   | ●                                                                                   | 50  |
| 3 WBO9040 | 40        | 90        | 90        | 3,0       | 16            | 4              | ●                                                                                   | ●                                                                                   | 100 |

### WBO 135°

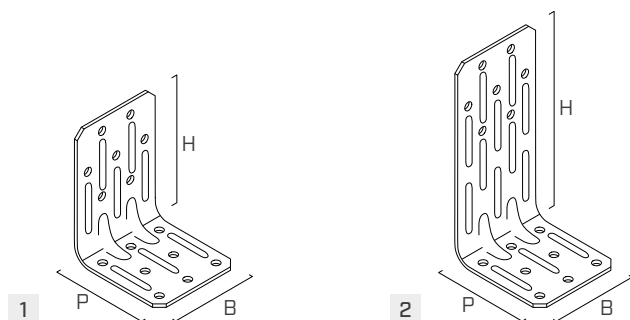
S250  
Z275



| CODICE     | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n Ø11<br>[pz.] | n Ø13<br>[pz.] |  |  | pz. |
|------------|-----------|-----------|-----------|-----------|---------------|----------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| 1 WBO13509 | 65        | 90        | 90        | 2,5       | 20            | 5              | -              | ●                                                                                     | ●                                                                                     | 100 |
| 2 WBO13510 | 90        | 100       | 100       | 3,0       | 28            | 6              | 2              | ●                                                                                     | ●                                                                                     | 40  |

### WVS 80 - 120

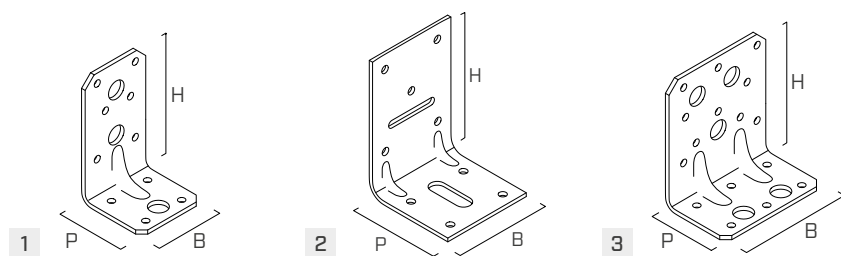
S250  
Z275



| CODICE     | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] |  |  | pz. |
|------------|-----------|-----------|-----------|-----------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| 1 WVS8060  | 55        | 60        | 80        | 2,0       | 15            | ●                                                                                     | -                                                                                     | 100 |
| 2 WVS12060 | 55        | 60        | 120       | 2,0       | 15            | ●                                                                                     | -                                                                                     | 100 |

## CODICI E DIMENSIONI

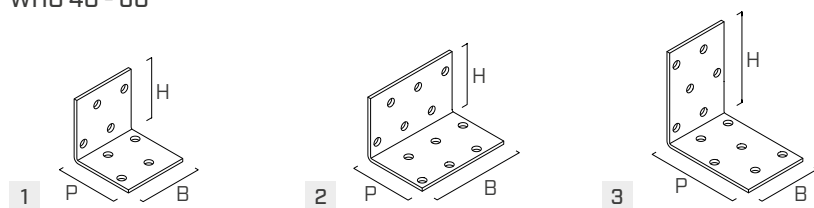
### WVS 90



S250  
2275

| CODICE    | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n Ø13<br>[pz.] | n Ø <sub>v</sub><br>[pz.] | n Ø <sub>H</sub><br>[pz.] |  |  | pz. |
|-----------|-----------|-----------|-----------|-----------|---------------|----------------|---------------------------|---------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|
| 1 WVS9050 | 50        | 50        | 90        | 3,0       | 10            | 3              | -                         | -                         | ●                                                                                   | ●                                                                                   | 100 |
| 2 WVS9060 | 60        | 60        | 90        | 2,5       | 9             | -              | 1 - Ø5 x 30               | 1 - Ø10 x 30              | ●                                                                                   | -                                                                                   | 100 |
| 3 WVS9080 | 80        | 50        | 90        | 3,0       | 16            | 5              | -                         | -                         | ●                                                                                   | ●                                                                                   | 100 |

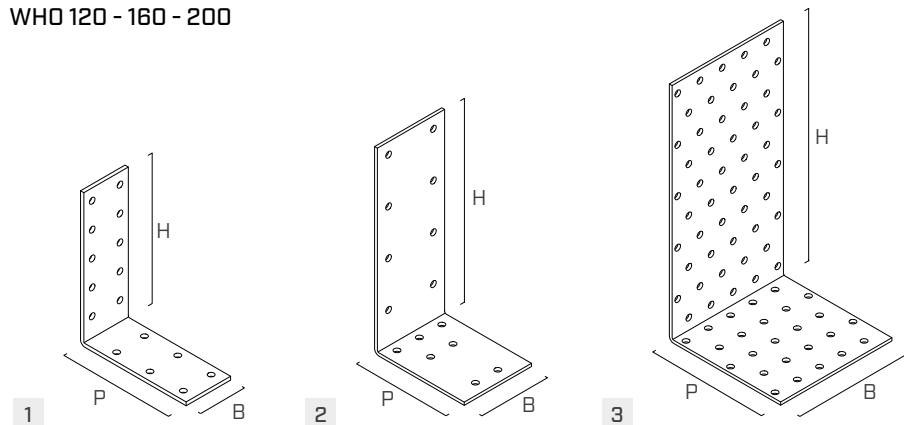
### WHO 40 - 60



S250  
2275

| CODICE    | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n <sub>v</sub> Ø5<br>[pz.] | n <sub>H</sub> Ø5<br>[pz.] |  |  | pz. |
|-----------|-----------|-----------|-----------|-----------|---------------|----------------------------|----------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----|
| 1 WHO4040 | 40        | 40        | 40        | 2,0       | 8             | 4                          | 4                          | ●                                                                                    | -                                                                                    | 200 |
| 2 WHO4060 | 60        | 40        | 40        | 2,0       | 12            | 6                          | 6                          | ●                                                                                    | -                                                                                    | 150 |
| 3 WHO6040 | 40        | 60        | 60        | 2,0       | 12            | 6                          | 6                          | ●                                                                                    | -                                                                                    | 150 |

### WHO 120 - 160 - 200

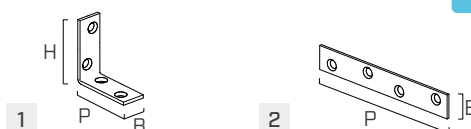


S250  
2275

| CODICE      | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø5<br>[pz.] | n <sub>v</sub> Ø5<br>[pz.] | n <sub>H</sub> Ø5<br>[pz.] |  |  | pz. |
|-------------|-----------|-----------|-----------|-----------|---------------|----------------------------|----------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| 1 WHO12040  | 40        | 95        | 120       | 3,0       | 16            | 10                         | 6                          | ●                                                                                     | -                                                                                     | 100 |
| 2 WHO16060  | 60        | 80        | 160       | 4,0       | 15            | 8                          | 7                          | ●                                                                                     | -                                                                                     | 50  |
| 3 WHO200100 | 100       | 100       | 200       | 2,5       | 75            | 50                         | 25                         | ●                                                                                     | -                                                                                     | 25  |

### WHO A2 | AISI304 - LBV A2 | AISI304

| CODICE      | B<br>[mm] | P<br>[mm] | H<br>[mm] | s<br>[mm] | n Ø4,5<br>[pz.] | pz. |
|-------------|-----------|-----------|-----------|-----------|-----------------|-----|
| 1 WHOI1540  | 15        | 40        | 40        | 1,75      | 4               | 50  |
| 2 LBVI15100 | 15        | 100       | -         | 1,75      | 4               | 50  |



A2  
AISI 304