

R-LX-HF-ZF

**Betonskrue med hex-hoved**

R-LX betonskrue er en effektiv skrueserie med Zink Flake coating som muliggør montage i udendørs miljø (korrosionskategori C3). Skrueerne er ikke-ekspanderende hvilket giver en spændingsfri montage med mulighed for mindre kant og interne afstande. Tåler høje laster i både revnet og urevnet beton.

## Egenskaber

### Fordele

- Hex-hoved
- Zink Flake coating
- Heavy duty gevind

## Anvendelse

### Anvendelsesområder

#### Fastgørelse af beton

### Egnet til

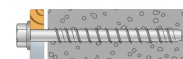
- Revnet beton C20/25 – C50/60
- Urevnet beton C20/25 – C50/60
- Armeret beton



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## Teknisk data



### Dimension

| Art. nr.       | Item Code | NOBB nr. | Dimension |        |                      |           | Qty per box |
|----------------|-----------|----------|-----------|--------|----------------------|-----------|-------------|
|                |           |          | d [mm]    | L [mm] | Washer diameter [mm] | Head [mm] |             |
| R-LX-05X50-HF  | 76836     | 58072632 | 6.3       | 50     | 12                   | 8         | 50          |
| R-LX-05x75-HF  | 76837     | 58072643 | 6.3       | 75     | 12                   | 8         | 50          |
| R-LX-06X50-HF  | 76838     | 58072658 | 7.5       | 50     | 14                   | 10        | 50          |
| R-LX-06X75-HF  | 76839     | 58072662 | 7.5       | 75     | 14                   | 10        | 50          |
| R-LX-06X100-HF | 76840     | 58072677 | 7.5       | 100    | 14                   | 10        | 50          |
| R-LX-06X130-HF | 76841     | 58072681 | 7.5       | 130    | 14                   | 10        | 50          |
| R-LX-08X60-HF  | 76842     | 58072696 | 10        | 60     | 18                   | 13        | 25          |
| R-LX-08X75-HF  | 76843     | 58072700 | 10        | 75     | 18                   | 13        | 25          |
| R-LX-08X100-HF | 76844     | 58072715 | 10        | 100    | 18                   | 13        | 25          |
| R-LX-08X130-HF | 76845     | 58072726 | 10        | 130    | 18                   | 13        | 25          |
| R-LX-10X85-HF  | 76846     | 58072734 | 12.5      | 85     | 22                   | 15        | 25          |
| R-LX-10X100-HF | 76847     | 58072745 | 12.5      | 100    | 22                   | 15        | 25          |
| R-LX-10X120-HF | 76848     | 58072753 | 12.5      | 120    | 22                   | 15        | 25          |

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## Recommended load

| Art. nr.       | Recommended load                   |                                |                                    |                                |                                    |                                |                                    |                                |
|----------------|------------------------------------|--------------------------------|------------------------------------|--------------------------------|------------------------------------|--------------------------------|------------------------------------|--------------------------------|
|                | Standard anchoring depth           |                                |                                    |                                | Reduced anchoring depth            |                                |                                    |                                |
|                | Pull-out force - $N_{Rd}$          |                                | Shear force - $V_{Rd}$             |                                | Pull-out force - $N_{Rd}$          |                                | Shear force - $V_{Rd}$             |                                |
|                | Non-cracked concrete C20 / 25 [kN] | Cracked concrete C20 / 25 [kN] | Non-cracked concrete C20 / 25 [kN] | Cracked concrete C20 / 25 [kN] | Non-cracked concrete C20 / 25 [kN] | Cracked concrete C20 / 25 [kN] | Non-cracked concrete C20 / 25 [kN] | Cracked concrete C20 / 25 [kN] |
| R-LX-05X50-HF  | 2.8                                | 1.8                            | 4.4                                | 3.1                            | -                                  | -                              | -                                  | -                              |
| R-LX-05x75-HF  | 2.8                                | 1.8                            | 4.4                                | 3.1                            | -                                  | -                              | -                                  | -                              |
| R-LX-06X50-HF  | 5.7                                | 3.3                            | 6.6                                | 4.7                            | 4.4                                | 3.1                            | 4.4                                | 3.1                            |
| R-LX-06X75-HF  | 5.7                                | 3.3                            | 6.6                                | 4.7                            | 4.4                                | 3.1                            | 4.4                                | 3.1                            |
| R-LX-06X100-HF | 5.7                                | 3.3                            | 6.6                                | 4.7                            | 4.4                                | 3.1                            | 4.4                                | 3.1                            |
| R-LX-06X130-HF | 5.7                                | 3.3                            | 6.6                                | 4.7                            | 4.4                                | 3.1                            | 4.4                                | 3.1                            |
| R-LX-08X60-HF  | 9.3                                | 6.2                            | 9.3                                | 6.6                            | 5.2                                | 3.6                            | 5.2                                | 3.7                            |
| R-LX-08X75-HF  | 9.3                                | 6.2                            | 9.3                                | 6.6                            | 5.2                                | 3.6                            | 5.2                                | 3.7                            |
| R-LX-08X100-HF | 9.3                                | 6.2                            | 9.3                                | 6.6                            | 5.2                                | 3.6                            | 5.2                                | 3.7                            |
| R-LX-08X130-HF | 9.3                                | 6.2                            | 9.3                                | 6.6                            | 5.2                                | 3.6                            | 5.2                                | 3.7                            |
| R-LX-10X85-HF  | 12.6                               | 9                              | 19.6                               | 18                             | 6.1                                | 3.8                            | 6.1                                | 4.3                            |
| R-LX-10X100-HF | 12.6                               | 9                              | 19.6                               | 18                             | 6.1                                | 3.8                            | 6.1                                | 4.3                            |
| R-LX-10X120-HF | 12.6                               | 9                              | 19.6                               | 18                             | 6.1                                | 3.8                            | 6.1                                | 4.3                            |

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# INSTALLATION DATA

| Art. nr.       | Installation data              |                                                          |                                                                |                                                                |                                     |                                                    |                                                          |                                                                      |                                                  |                                                                |                                     |                                                    |                                                          |                                                                      |
|----------------|--------------------------------|----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------|----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|-------------------------------------|----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------|
|                | Hole diameter in concrete [mm] | Hole diameter in fastening object [d <sub>f</sub> ] [mm] | Maximum torque for impact driver [T <sub>imp,-max</sub> ] [Nm] | Standard anchoring depth                                       |                                     |                                                    |                                                          |                                                                      |                                                  | Reduced installation depth                                     |                                     |                                                    |                                                          |                                                                      |
|                |                                |                                                          |                                                                | Maximum thickness of mounted material [T <sub>fix</sub> ] [mm] | Actual hole depth [h <sub>0</sub> ] | Minimum anchoring depth [h <sub>nom,s</sub> ] [mm] | Minimum thickness of concrete [h <sub>min,s</sub> ] [mm] | Minimum distance between fastening points [s <sub>min,s</sub> ] [mm] | Minimum edge distance [c <sub>min,s</sub> ] [mm] | Maximum thickness of mounted material [T <sub>fix</sub> ] [mm] | Actual hole depth [h <sub>0</sub> ] | Minimum anchoring depth [h <sub>nom,s</sub> ] [mm] | Minimum thickness of concrete [h <sub>min,s</sub> ] [mm] | Minimum distance between fastening points [s <sub>min,s</sub> ] [mm] |
| R-LX-05X50-HF  | 5                              | 7                                                        | 200                                                            | 7                                                              | L + 10 - tfix                       | 43                                                 | 100                                                      | 40                                                                   | 40                                               | -                                                              | L + 10 - tfix                       | -                                                  | -                                                        | -                                                                    |
| R-LX-05x75-HF  | 5                              | 7                                                        | 200                                                            | 32                                                             | L + 10 - tfix                       | 43                                                 | 100                                                      | 40                                                                   | 40                                               | -                                                              | L + 10 - tfix                       | -                                                  | -                                                        | -                                                                    |
| R-LX-06X50-HF  | 6                              | 9                                                        | 400                                                            | -                                                              | L + 10 - tfix                       | 55                                                 | 100                                                      | 45                                                                   | 45                                               | 7                                                              | L + 10 - tfix                       | 43                                                 | 100                                                      | 45                                                                   |
| R-LX-06X75-HF  | 6                              | 9                                                        | 400                                                            | 20                                                             | L + 10 - tfix                       | 55                                                 | 100                                                      | 45                                                                   | 45                                               | 32                                                             | L + 10 - tfix                       | 43                                                 | 100                                                      | 45                                                                   |
| R-LX-06X100-HF | 6                              | 9                                                        | 400                                                            | 45                                                             | L + 10 - tfix                       | 55                                                 | 100                                                      | 45                                                                   | 45                                               | 57                                                             | L + 10 - tfix                       | 43                                                 | 100                                                      | 45                                                                   |
| R-LX-06X130-HF | 6                              | 9                                                        | 400                                                            | 75                                                             | L + 10 - tfix                       | 55                                                 | 100                                                      | 45                                                                   | 45                                               | 87                                                             | L + 10 - tfix                       | 43                                                 | 100                                                      | 45                                                                   |
| R-LX-08X60-HF  | 8                              | 12                                                       | 900                                                            | -                                                              | L + 10 - tfix                       | 70                                                 | 110                                                      | 50                                                                   | 50                                               | 10                                                             | L + 10 - tfix                       | 50                                                 | 100                                                      | 50                                                                   |
| R-LX-08X75-HF  | 8                              | 12                                                       | 900                                                            | 5                                                              | L + 10 - tfix                       | 70                                                 | 110                                                      | 50                                                                   | 50                                               | 25                                                             | L + 10 - tfix                       | 50                                                 | 100                                                      | 50                                                                   |
| R-LX-08X100-HF | 8                              | 12                                                       | 900                                                            | 30                                                             | L + 10 - tfix                       | 70                                                 | 110                                                      | 50                                                                   | 50                                               | 50                                                             | L + 10 - tfix                       | 50                                                 | 100                                                      | 50                                                                   |
| R-LX-08X130-HF | 8                              | 12                                                       | 900                                                            | 60                                                             | L + 10 - tfix                       | 70                                                 | 110                                                      | 50                                                                   | 50                                               | 80                                                             | L + 10 - tfix                       | 50                                                 | 100                                                      | 50                                                                   |
| R-LX-10X85-HF  | 10                             | 14                                                       | 950                                                            | -                                                              | L + 10 - tfix                       | 85                                                 | 130                                                      | 60                                                                   | 60                                               | 30                                                             | L + 10 - tfix                       | 55                                                 | 100                                                      | 60                                                                   |
| R-LX-10X100-HF | 10                             | 14                                                       | 950                                                            | 15                                                             | L + 10 - tfix                       | 85                                                 | 130                                                      | 60                                                                   | 60                                               | 45                                                             | L + 10 - tfix                       | 55                                                 | 100                                                      | 60                                                                   |
| R-LX-10X120-HF | 10                             | 14                                                       | 950                                                            | 35                                                             | L + 10 - tfix                       | 85                                                 | 130                                                      | 60                                                                   | 60                                               | 65                                                             | L + 10 - tfix                       | 55                                                 | 100                                                      | 60                                                                   |

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