

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 1 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

## Cuprins

|          |                                                     |          |
|----------|-----------------------------------------------------|----------|
| <b>1</b> | <b>Listă de amendamente .....</b>                   | <b>2</b> |
| <b>2</b> | <b>Listă de articole conforme cu EN1090-1 .....</b> | <b>3</b> |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 2 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

## 1 Listă de amendamente

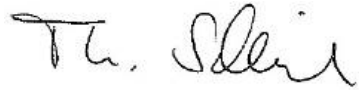
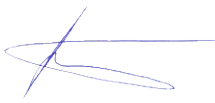
Acest document poate fi modificat.

Versiunile imprimate pe hârtie sau cele stocate pe alte medii nu pot fi modificate.

Starea amendamentelor („versiunea”) este indicată de numărul de serie și de dată (nn/aaaa) din antet.

Toate versiunile sunt stocate digital în Hilti Online (HOL) în conformitate cu data amendamentului.

Listă de amendamente:

| Revizie |            | Tip de amendament | Emisă de        | Lansată de                     | Data lansării și semnătura                                                                                                                                                           |
|---------|------------|-------------------|-----------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nr.     | Data       |                   |                 |                                |                                                                                                                                                                                      |
| 1       | 22.01.2020 | Prima versiune    | Cod și aprobare | Coordonator FPC                | <div>1/30/2020</div> <div>X </div> <div>Signed by: Schwind Thomas (LI - NE_ST)</div>            |
|         |            |                   |                 | Coordonator sudură responsabil | <div>30.01.2020</div> <div>X </div> <div>Signiert von: Eichenberger Fabio (LI - External)</div> |
|         |            |                   |                 |                                |                                                                                                                                                                                      |
|         |            |                   |                 |                                |                                                                                                                                                                                      |
|         |            |                   |                 |                                |                                                                                                                                                                                      |
|         |            |                   |                 |                                |                                                                                                                                                                                      |
|         |            |                   |                 |                                |                                                                                                                                                                                      |
|         |            |                   |                 |                                |                                                                                                                                                                                      |
|         |            |                   |                 |                                |                                                                                                                                                                                      |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 3 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

## 2 Listă de articole conforme cu EN1090-1

| ## | Număr articol | Descriere        | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|----|---------------|------------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 1  | 431681        | MIC-U-EL         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 3  | 2174663       | MIB-CDH          | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 4  | 2174674       | MIB-SAH          | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 5  | 2174675       | MIB-SBH          | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 6  | 2174676       | MIB-SCH          | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 13 | 2203579       | MIC-C120-DH-1000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 14 | 2203580       | MIC-C120-DH-1500 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 15 | 2203581       | MIC-C120-DH-2000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 16 | 2203577       | MIC-C120-DH-500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 17 | 2203578       | MIC-C120-DH-750  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 18 | 2203574       | MIC-C90-DH-1000  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 19 | 2203575       | MIC-C90-DH-1500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 20 | 2203576       | MIC-C90-DH-2000  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 4 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

| ## | Număr articol | Descriere        | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|----|---------------|------------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 21 | 2203572       | MIC-C90-DH-500   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 22 | 2203573       | MIC-C90-DH-750   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 23 | 2203599       | MIC-S120-AH-1000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 24 | 2203600       | MIC-S120-AH-1500 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 25 | 2203601       | MIC-S120-AH-2000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 26 | 2203597       | MIC-S120-AH-500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 27 | 2203598       | MIC-S120-AH-750  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 28 | 2203604       | MIC-S120-BH-1000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 29 | 2203605       | MIC-S120-BH-1500 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 30 | 2203606       | MIC-S120-BH-2000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 31 | 2203602       | MIC-S120-BH-500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 32 | 2203603       | MIC-S120-BH-750  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 33 | 2203609       | MIC-S120-CH-1000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 5 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

| ## | Număr articol | Descriere        | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|----|---------------|------------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 34 | 2203570       | MIC-S120-CH-1500 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 35 | 2203571       | MIC-S120-CH-2000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 36 | 2203607       | MIC-S120-CH-500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 37 | 2203608       | MIC-S120-CH-750  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 38 | 2203584       | MIC-S90-AH-1000  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 39 | 2203585       | MIC-S90-AH-1500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 40 | 2203586       | MIC-S90-AH-2000  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 41 | 2203582       | MIC-S90-AH-500   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 42 | 2203583       | MIC-S90-AH-750   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 43 | 2203589       | MIC-S90-BH-1000  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 44 | 2203590       | MIC-S90-BH-1500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 45 | 2203591       | MIC-S90-BH-2000  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 46 | 2203587       | MIC-S90-BH-500   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 6 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

| ## | Număr articol | Descriere       | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|----|---------------|-----------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 47 | 2203588       | MIC-S90-BH-750  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 48 | 2203594       | MIC-S90-CH-1000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 49 | 2203595       | MIC-S90-CH-1500 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 50 | 2203596       | MIC-S90-CH-2000 | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 51 | 2203592       | MIC-S90-CH-500  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 52 | 2203593       | MIC-S90-CH-750  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 53 | 304810        | MIC-120-E       | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 54 | 304809        | MIC-90-E        | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 55 | 304805        | MIC-90-L        | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 56 | 305710        | MIC-90-L-AP     | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 57 | 2165050       | MIC-90-LH       | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 58 | 2174677       | MIC-BA          | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 59 | 2179532       | MIC-BAH         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 7 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

| ## | Număr articol | Descriere           | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|----|---------------|---------------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 60 | 2174662       | MIC-C120-DH         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 61 | 2149420       | MIC-C120-EDB        | S355; EN 10149-2                       | S355JR; 40J@-20°C<br>S355JR; 27J@-40°C    | Zincat la cald; EN ISO 1461 |
| 62 | 304825        | MIC-C90-AA concrete | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 63 | 2174661       | MIC-C90-DH          | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 64 | 2149279       | MIC-C90-EDB         | S355; EN 10149-2                       | S355JR; 40J@-20°C<br>S355JR; 27J@-40°C    | Zincat la cald; EN ISO 1461 |
| 65 | 2174664       | MIC-CU-MAH          | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 67 | 304881        | MIC-MI/MQ-X         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 68 | 2174668       | MIC-S120-AH         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 69 | 2174669       | MIC-S120-BH         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 70 | 2174670       | MIC-S120-CH         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 71 | 304811        | MIC-S90-AA steel    | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 72 | 2174665       | MIC-S90-AH          | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |

|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 8 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

| ## | Număr articol | Descriere        | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                          |
|----|---------------|------------------|----------------------------------------|-------------------------------------------|---------------------------------------|
| 73 | 2174666       | MIC-S90-BH       | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461           |
| 74 | 2174667       | MIC-S90-CH       | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461           |
| 75 | 2174671       | MIC-SA-MAH       | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 76 | 2174672       | MIC-SB-MAH       | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 77 | 304808        | MIC-SC120        | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Vopsea epoxidică de grunduire cu zinc |
| 78 | 304824        | MIC-SC90         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Vopsea epoxidică de grunduire cu zinc |
| 79 | 2174673       | MIC-SC-MAH       | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 80 | 304807        | MIC-T            | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 81 | 304806        | MIC-U-MA         | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 82 | 2123564       | MIQB-CD concrete | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 83 | 2123565       | MIQB-SA steel    | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 84 | 2123566       | MIQB-SB steel    | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461           |
| 85 | 2140259       | MIQC-90-E        | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461           |



|                                                                                   |                                                     |                                                    |                                                                                               |                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 9 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                               |

| ## | Număr articol | Descriere           | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|----|---------------|---------------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 86 | 2123881       | MIQC-90-HT set      | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 87 | 2134818       | MIQC-90-HT-V        | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 88 | 2119868       | MIQC-90-L           | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 89 | 2140257       | MIQC-90-MI          | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 90 | 2140258       | MIQC-90-MI-V        | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 91 | 2120144       | MIQC-C90 concrete   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 92 | 2134819       | MIQC-C90-U concrete | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 93 | 2161806       | MIQC-C90-U-V        | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 94 | 2120270       | MIQC-S90-AC steel   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 95 | 2120271       | MIQC-S90-AP steel   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 96 | 2120272       | MIQC-S90-BC steel   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 97 | 2120273       | MIQC-S90-BP steel   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 98 | 2120143       | MIQC-SC             | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Neacoperit                  |

|                                                                                   |                                                     |                                                    |                                                                                               |                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 10 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                                |

| ##  | Număr articol | Descriere    | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|-----|---------------|--------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 116 | 431682        | MIC-U-EF     | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 119 | 304800        | MI-120 3m    | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 120 | 304801        | MI-120 6m    | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 121 | 304798        | MI-90 3m     | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 122 | 304799        | MI-90 6m     | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 123 | 2119866       | MIQ-90 3m    | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 124 | 2119867       | MIQ-90 6m    | S235; EN 10025-2                       | S235JR, 27J@20°C                          | Zincat la cald; EN ISO 1461 |
| 128 | 2179534       | MIC-120-UH   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 129 | 2179533       | MIC-90-UH    | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 130 | 2179535       | MIC-C90-UH   | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 131 | 2162850       | MIC-PH       | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 132 | 2193292       | MIQC-90-LOHG | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 133 | 2193291       | MIQC-PH OHG  | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |

|                                                                                   |                                                     |                                                    |                                                                                               |                                                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------|
|  |                                                     | <b>Articole Hilti<br/>conforme cu<br/>EN1090-1</b> |                                                                                               | Versiune: 01 / 22.01.2020<br>Pagina: 11 din 11 |
| Emisă de                                                                          | Cod de instalare și aprobare<br>BU<br>Shahbaz Abbas | Lansată de                                         | Coordonator FPC<br>Thomas Schwind<br><br>Coordonator sudură responsabil<br>Fabio Eichenberger |                                                |

| ##  | Număr articol | Descriere        | Sudabilitate                           | Rezistență la rupere/rezistență la impact | Durabilitate                |
|-----|---------------|------------------|----------------------------------------|-------------------------------------------|-----------------------------|
| 138 | 233856        | MIC-TRC M12-1/2" | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 139 | 233857        | MIC-TRC M16      | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |
| 140 | 233858        | MIC-TRC M20-3/4" | S235; EN 10025-2<br>DD11 MOD; HN 555-4 | S235JR, 27J@20°C;<br>DD11 MOD, 27J@20°C   | Zincat la cald; EN ISO 1461 |