

1



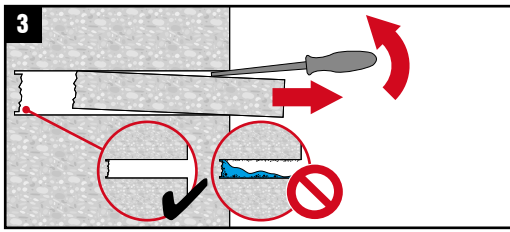
2



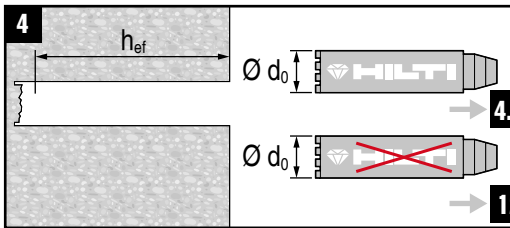
HIT-RE 500 V3



3



4



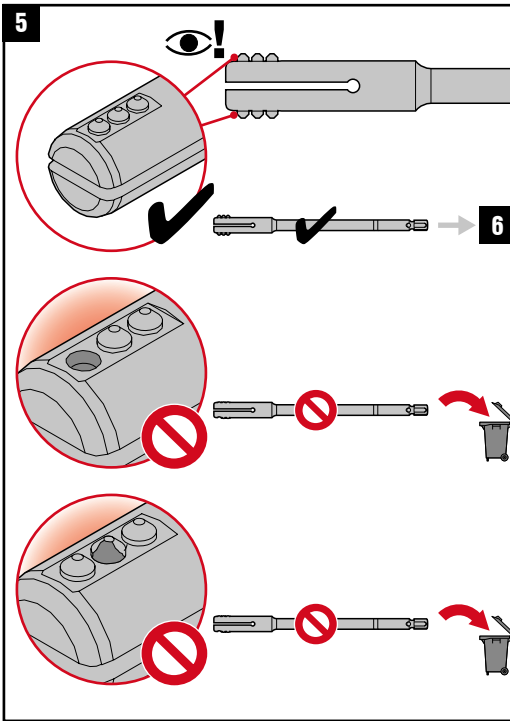
4.1

| TE-YRT-L  |           | Ø d <sub>0</sub><br>[mm] | T2<br>T4 | HCL / HCS / LCL<br>LCS / HWC / UCL |
|-----------|-----------|--------------------------|----------|------------------------------------|
| 18 / 640  | 18 / 960  | 18                       | ✓        | ✓                                  |
| 20 / 640  | 20 / 960  | 20                       | ✓        | ✓                                  |
| 22 / 800  | 22 / 1200 | 22                       | ✓        | ✓                                  |
| 25 / 800  | 25 / 1200 | 25                       | ✓        | ✓                                  |
| 32 / 1000 | 32 / 1500 | 32                       | ✓        | ✓                                  |
| 35 / 1200 | 35 / 1800 | 35                       | ✓        | ✗                                  |

| TE-YRT-L     |                | Ø d <sub>0</sub><br>[inch] | T2<br>T4 | HCL / HCS / LCL<br>LCS / HWC / UCL |
|--------------|----------------|----------------------------|----------|------------------------------------|
| 3/4" / 25"   | 3/4" / 37 1/2" | 3/4"                       | ✓        | ✓                                  |
| 7/8" / 30"   | 7/8" / 45"     | 7/8"                       | ✓        | ✓                                  |
| 1" / 35"     | 1" / 52 1/2"   | 1"                         | ✓        | ✓                                  |
| 1 1/8" / 40" | 1 1/8" / 60"   | 1 1/8"                     | ✓        | ✓                                  |
| 1 3/8" / 47" | 1 3/8" / 71"   | 1 3/8"                     | ✓        | ✗                                  |

5



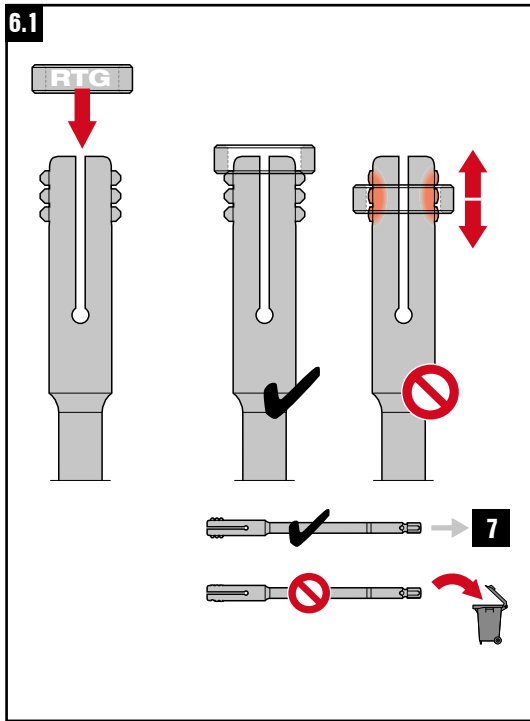
6

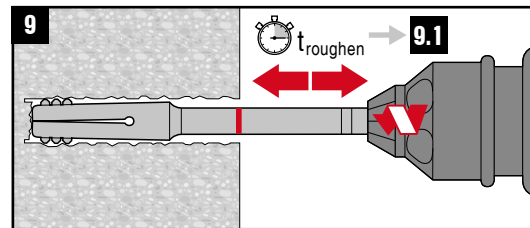
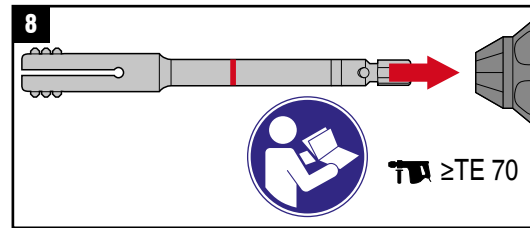
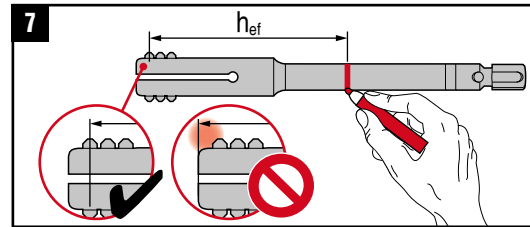
| TE-YRT-L  |           | RTG |
|-----------|-----------|-----|
| 18 / 640  | 18 / 960  | 18  |
| 20 / 640  | 20 / 960  | 20  |
| 22 / 800  | 22 / 1200 | 22  |
| 25 / 800  | 25 / 1200 | 25  |
| 32 / 1000 | 32 / 1500 | 32  |
| 35 / 1200 | 35 / 1800 | 35  |

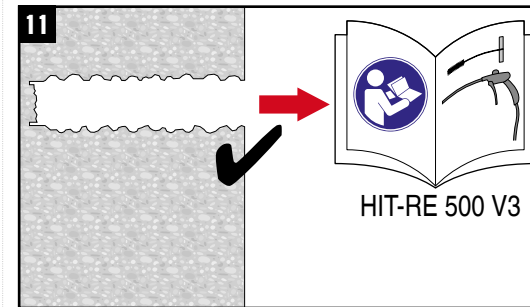
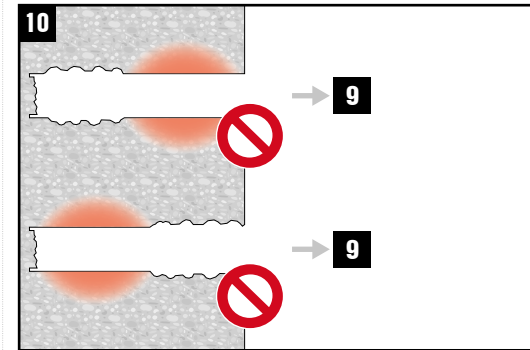
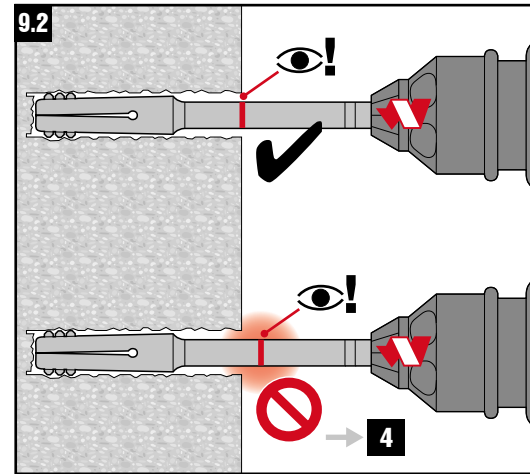
| TE-YRT-L     |                | RTG    |
|--------------|----------------|--------|
| 3/4" / 25"   | 3/4" / 37 1/2" | 3/4"   |
| 7/8" / 30"   | 7/8" / 45"     | 7/8"   |
| 1" / 35"     | 1" / 52 1/2"   | 1"     |
| 1 1/8" / 40" | 1 1/8" / 60"   | 1 1/8" |
| 1 3/8" / 47" | 1 3/8" / 71"   | 1 3/8" |

6.1





| <b>9.1</b> | $h_{ef}$ [mm]   | $t_{roughen} (= h_{ef} / 10)$      |
|------------|-----------------|------------------------------------|
|            | 301 ... 400     | 40 sec                             |
|            | 401 ... 500     | 50 sec                             |
|            | 501 ... 600     | 60 sec                             |
|            | ...             | ...                                |
|            | 1601 ... 1700   | 170 sec                            |
|            | 1701 ... 1800   | 180 sec                            |
|            | $h_{ef}$ [inch] | $t_{roughen} (= h_{ef} \cdot 2.5)$ |
|            | 12.01 ... 16    | 40 sec                             |
|            | 16.01 ... 20    | 50 sec                             |
|            | 20.01 ... 24    | 60 sec                             |
|            | ...             | ...                                |
|            | 63.01 ... 67    | 170 sec                            |
|            | 67.01 ... 71    | 180 sec                            |



| <b>12</b> | $\varnothing d_0$ [mm]   | TE-YRT-L                                |
|-----------|--------------------------|-----------------------------------------|
|           | 17,9 ... 18,2            | <b>18</b> / 640 <b>18</b> / 960         |
|           | 19,9 ... 20,2            | <b>20</b> / 640 <b>20</b> / 960         |
|           | 21,9 ... 22,2            | <b>22</b> / 800 <b>22</b> / 1200        |
|           | 29,9 ... 30,2            | <b>25</b> / 800 <b>25</b> / 1200        |
|           | 31,9 ... 32,2            | <b>32</b> / 1000 <b>32</b> / 1500       |
|           | 34,9 ... 35,2            | <b>35</b> / 1200 <b>35</b> / 1800       |
|           | $\varnothing d_0$ [inch] | TE-YRT-L                                |
|           | 0.764 ... 0.776          | <b>3/4"</b> / 25" <b>3/4"</b> / 37 1/2" |
|           | 0.862 ... 0.874          | <b>7/8"</b> / 30" <b>7/8"</b> / 45"     |
|           | 1.008 ... 1.020          | <b>1"</b> / 35" <b>1"</b> / 52 1/2"     |
|           | 1.146 ... 1.157          | <b>1 1/8"</b> / 40" <b>1 1/8"</b> / 60" |
|           | 1.374 ... 1.386          | <b>1 3/8"</b> / 47" <b>1 3/8"</b> / 71" |