

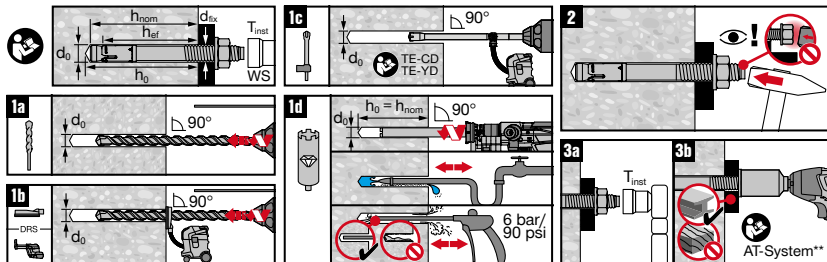


# KB-TZ2

## 1/2" x 3"



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| Symbol                       |  | Symbol Description                   | Units                | Anchor Diameter [inch] |
|------------------------------|--|--------------------------------------|----------------------|------------------------|
| HDB                          |  | Hollow Drill Bit                     | -                    | ✓                      |
| DRS                          |  | Dust Removal Systems                 | -                    | ✓                      |
| AT-System                    |  | SIW 6AT-A22 + SI AT-A22              | -                    | ✓                      |
|                              |  | SIW 4AT-22 + SI-AT-22                | -                    | ✓                      |
|                              |  | SIW 6AT-22 + SI-AT-22                | -                    | ✓                      |
|                              |  | Diamond Core Bit                     | -                    | ✓                      |
| $d_0$                        |  | Drill Bit Diameter                   | [inch]               | 1/2                    |
| $h_{ef}$                     |  | Effective Embedment Depth            | [inch]               | 1 1/2                  |
| $h_{nom}$                    |  | Nominal Embedment Depth              | [inch]               | 2                      |
| $h_0$                        |  | Minimum Hole Depth in Base Material  | [inch]               | 2 1/4                  |
| $T_{inst, concrete}$         |  | Installation Torque Concrete         | carbon steel [ft-lb] | 50                     |
| $T_{inst, grout filled CMU}$ |  | Installation Torque Grout-Filled CMU | carbon steel [ft-lb] | 25                     |
| $d_{fx}$                     |  | Fixture Hole Diameter                | [inch]               | 9/16                   |
| WS                           |  | Wrench Size                          | [inch]               | 3/4                    |

Use only carbide-tipped masonry drill bits complying with ANSI B212.15.1994

For steps 1a or 1b, make sure to drill deep enough to achieve  $h_0$ , taking into account the depth of debris remaining in the hole.

\*\* AT-System not applicable for grout-filled CMU and wood fastening applications.