

### Performance Data

| Anchor size [mm]         |                       |                       | M4   | M5   | M6   | M8   | M10  | M12  | M14  | M16  |
|--------------------------|-----------------------|-----------------------|------|------|------|------|------|------|------|------|
| recommended tension load | concrete ≥ B25        | F <sub>rec</sub> [kN] | 0,45 | 1,00 | 1,40 | 1,90 | 2,50 | 3,45 | 3,75 | 3,90 |
|                          | solid brick           |                       | 0,40 | 0,70 | 1,10 | 1,40 | 1,65 | 2,00 | 3,00 | 3,25 |
|                          | sand-lime solid brick |                       | 0,40 | 0,75 | 1,20 | 1,50 | 1,75 | 2,40 | 3,30 | 3,50 |
| recommended tension load | concrete ≥ B25        | F <sub>rec</sub> [kN] | 0,40 | 0,90 | 1,20 | 1,90 | 2,50 | 3,50 | 3,90 | 4,00 |
|                          | solid brick           |                       | 0,35 | 0,65 | 1,00 | 1,40 | 1,65 | 2,00 | 3,10 | 3,30 |
|                          | sand-lime solid brick |                       | 0,35 | 0,65 | 1,00 | 1,50 | 1,75 | 2,40 | 3,40 | 3,60 |

### Installation Parameters

|   |                       |     |     |     |     |      |     |     |     |
|---|-----------------------|-----|-----|-----|-----|------|-----|-----|-----|
| Spacing                                   | a ≥ [mm]              | 60  | 60  | 60  | 80  | 80   | 100 | 100 | 120 |
| Edge distances                            | a <sub>r</sub> ≥ [mm] | 40  | 50  | 60  | 80  | 80   | 100 | 100 | 120 |
| Depth of the drill hole                   | h <sub>1</sub> ≥ [mm] | 20  | 25  | 30  | 35  | 40   | 45  | 50  | 55  |
| Setting depth                             | h <sub>s</sub> ≥ [mm] | 16  | 20  | 25  | 30  | 35   | 40  | 42  | 44  |
| minimum member thickness                  | d ≥ [mm]              | 40  | 50  | 60  | 70  | 80   | 100 | 150 | 150 |
| thread diameter                           | d [mm]                | 4   | 5   | 6   | 8   | 10   | 12  | 14  | 16  |
| nominal diameter of drill bit             | d <sub>0</sub> [mm]   | 5   | 6   | 8   | 10  | 12   | 15  | 18  | 20  |
| diameter of clearance hole in the fixture | d <sub>f</sub> [mm]   | 4,5 | 5,5 | 6,5 | 8,5 | 10,5 | 13  | 15  | 18  |

### Dimensions/Product range

|                                  |                       |                             |                      |                      |                       |                        |                        |                        |                        |
|----------------------------------|-----------------------|-----------------------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Length of the anchor             | l [mm]                | 16                          | 20                   | 23                   | 30                    | 34                     | 40                     | 42                     | 44                     |
| maximum thickness of the fixture | t <sub>fix</sub> [mm] | depends on the screw length |                      |                      |                       |                        |                        |                        |                        |
| Designation                      |                       | Brass anchor M4/5x16        | Brass anchor M5/6x20 | Brass anchor M6/8x25 | Brass anchor M8/10x30 | Brass anchor M10/12x35 | Brass anchor M12/15x40 | Brass anchor M14/18x42 | Brass anchor M16/20x44 |
| Brass anchor                     | Art.-No.              | <b>0904 34</b>              | <b>0904 35</b>       | <b>0904 36</b>       | <b>0904 38</b>        | <b>0904 310</b>        | <b>0904 312</b>        | <b>0904 314</b>        | <b>0904 316</b>        |
| Package quantity                 | [pcs.]                | 100                         | 100                  | 100                  | 100                   | 100                    | 50                     | 50                     | 50                     |

### Würth System Components

