

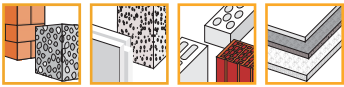


Химический  
Крепеж

# - KND



KEW KND

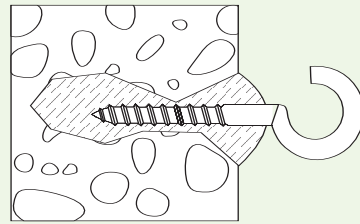


Химический состав

■ 2-

■  
■

■ KND

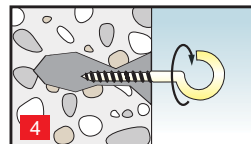
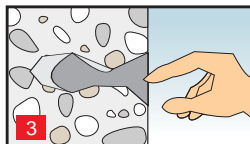
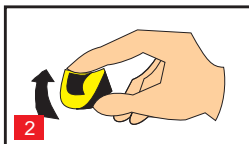
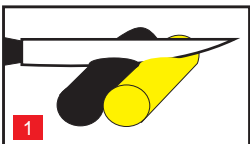


KEW KND -

|        |       |              |   |   |
|--------|-------|--------------|---|---|
| KND 80 | 36459 | 80<br>1<br>1 | 1 | 6 |
|--------|-------|--------------|---|---|

KEW KND

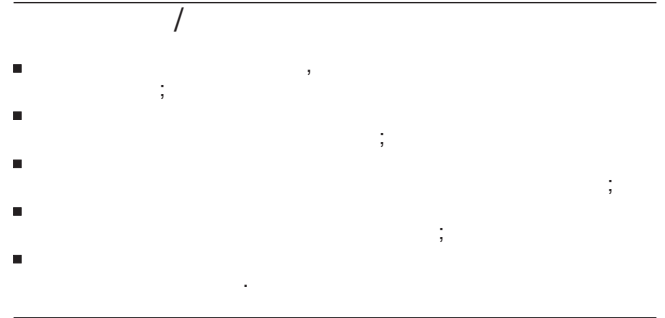
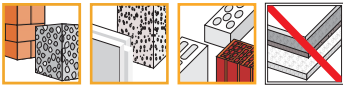
|    |       |       |
|----|-------|-------|
| 5  | 150°C | 10 %  |
| 30 | 25°C  | 25 %  |
| 60 | 25°C  | 50 %  |
| 12 | 25°C  | 100 % |



- VM P



- 1 150 ml  
KEW VM P 150 S
- 2 380 ml  
KEW VM P 380 S
- 3 - KEW VSM



|            |       |   |     |     |    |
|------------|-------|---|-----|-----|----|
| VM P 150 S | 33780 | 1 | 150 | + 1 | 12 |
| VM P 380 S | 35002 | 1 | 380 | + 1 | 12 |



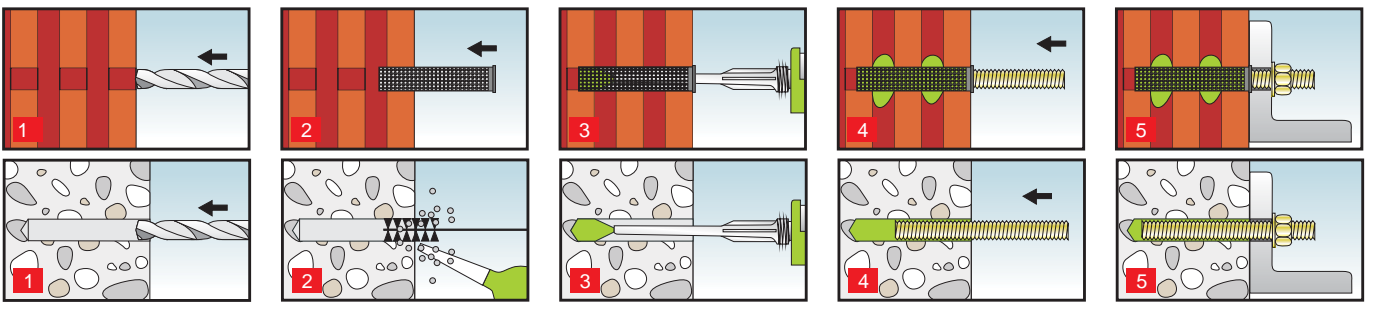
|           |       |    |  |  |    |
|-----------|-------|----|--|--|----|
| KEW VSM - |       |    |  |  |    |
| VSM       | 33806 | 10 |  |  | 10 |

KEW VM P



|      |    |         |
|------|----|---------|
| 5°C  | 20 | 120-180 |
| 20°C | 6  | 60      |
| 30°C | 3  | 45      |
| 35°C | 2  | 30      |

Химический крепеж

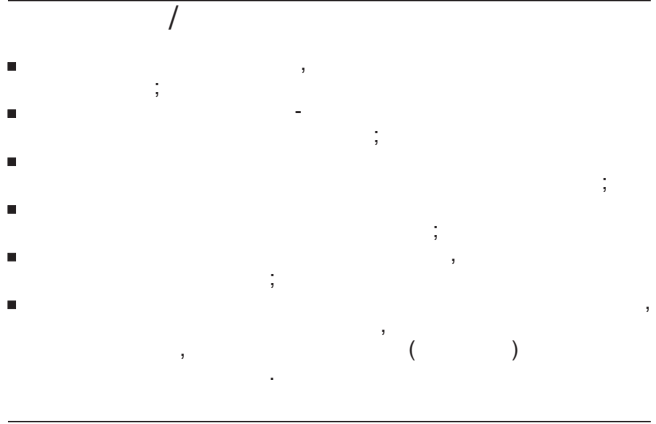
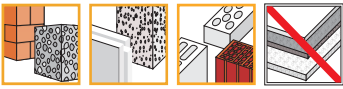


## - VM



- 1 160 ml  
KEW VM EP 160 S
- 2 280 ml  
KEW VM EP 280 S
- 3 345 ml  
KEW VM EP 345 S

### 4 - KEW VSM



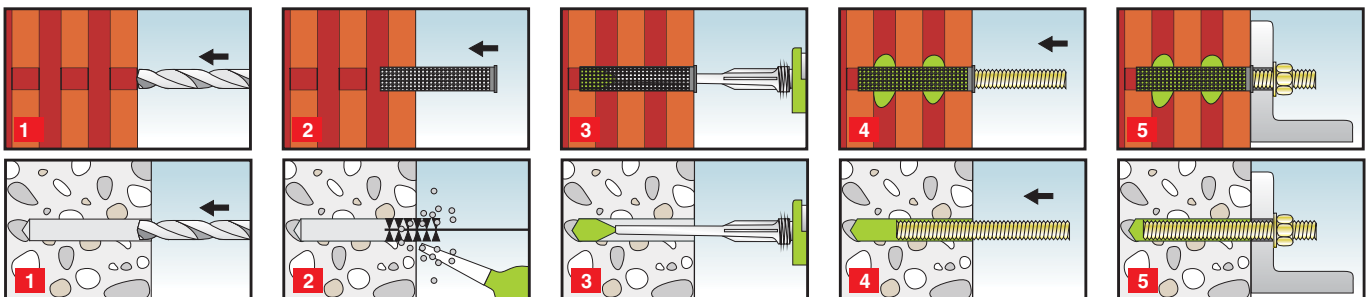
|             |       |   |     |     |    |
|-------------|-------|---|-----|-----|----|
| VM EP 160 S | 36637 | 1 | 160 | + 2 | 12 |
| VM EP 280 S | 36638 | 1 | 280 | + 2 | 12 |
| VM EP 345 S | 36639 | 1 | 345 | + 2 | 12 |
| VM EP       | 875   |   |     |     |    |

KEW VSM -

|     |       |    |    |
|-----|-------|----|----|
| VSM | 33806 | 10 | 10 |
|-----|-------|----|----|

KEW VM EP

|      |     |     |
|------|-----|-----|
| -5°C | 120 | 7   |
| 0°C  | 50  | 4   |
| 5°C  | 20  | 120 |
| 20°C | 7   | 30  |
| 30°C | 4   | 25  |
| 40°C | 2   | 15  |



# - VM



| KEW VSH |                       | VG M6 / M8<br>VSH 12 x 50 | VG M8 / M10 / M12<br>VSH 15 x 85 | VIG M8<br>VSH 12 x 50 | VIG M8 / M10 / M12<br>VSH 15 x 85 |
|---------|-----------------------|---------------------------|----------------------------------|-----------------------|-----------------------------------|
|         | ≥ Hlz 6 [ H ]         |                           | 0,6                              |                       | 0,4                               |
|         | ≥ KSL 6 [ H ]         |                           | 0,6                              |                       | 0,4                               |
|         | ≥ Hbn 4 [ H ]         |                           | 0,9                              |                       | 0,5                               |
|         | ≥ Mz 12 [ H ]         |                           | 1,7                              |                       | 1,7                               |
|         | ≥ KS 12 [ H ]         |                           | 1,7                              |                       | 1,7                               |
|         | t [ ]                 | 60                        | 95                               | 60                    | 95                                |
|         | h <sub>s</sub> [ ]    | 50                        | 85                               | 50                    | 85                                |
|         | ≥ a [ ]               | 100,200                   | 100,200                          | 100,200               | 100,200                           |
|         | min a [ ]             | 50,100                    | 50,100                           | 50,100                | 50,100                            |
|         | a <sub>z</sub> [ ]    | 250,200                   | 250,200                          | 250,200               | 250,200                           |
| -       | ≥ a <sub>r</sub> [ ]  | 200                       | 200                              | 200                   | 200                               |
| -       | ≥ a <sub>v</sub> [ ]  | 200,250                   | 200,250                          | 200,250               | 200,250                           |
|         | d [ ]                 |                           | 110                              |                       | 110                               |
|         | d <sub>i</sub> [ ]    | 7 / 9                     | 9 / 12 / 14                      | 7 / 9                 | 9 / 12 / 14                       |
|         | T <sub>inst</sub> [ ] |                           | 4                                |                       | 4                                 |
|         |                       |                           | 20 - 25                          |                       | 20 - 25                           |

5,6

|                        | VG M8                 | VG M10                     | VG M12                    |
|------------------------|-----------------------|----------------------------|---------------------------|
| h <sub>ef</sub> [ ]    | 80                    | 90                         | 110                       |
| ≥ C20/25 [ ]           | N <sub>act1</sub> = 4 | c ≥ 1,5h <sub>ef</sub> = 7 | s ≥ 3h <sub>ef</sub> = 10 |
| ≥ C35/45* [ ]          | 7                     | 11                         | 55                        |
| s <sub>min</sub> = [ ] | 40                    | 45                         | 55                        |
| c <sub>min</sub> = [ ] | 40                    | 45                         | 55                        |
| h <sub>min</sub> = [ ] | 110                   | 120                        | 140                       |
| h <sub>0</sub> ≥ [ ]   | 80                    | 90                         | 110                       |
| d <sub>0</sub> ≥ [ ]   | 10                    | 12                         | 14                        |
| T <sub>inst</sub> [ ]  | 10                    | 20                         | 40                        |
| d <sub>i</sub> ≤ [ ]   | 9                     | 12                         | 14                        |
| d <sub>i</sub> ≤ [ ]   | 11                    | 14                         | 16                        |
|                        | 4,0                   | 5,5                        | 8,5                       |

8.8

## BST 500S

|                               | Ø8  | Ø10 | Ø12 | Ø14 | Ø16 | Ø20 |
|-------------------------------|-----|-----|-----|-----|-----|-----|
| d <sub>0</sub> ≥ [ ]          | 8   | 10  | 12  | 14  | 16  | 20  |
| h <sub>ef1</sub> [ ]          | 80  | 100 | 120 | 140 | 160 | 200 |
| h <sub>ef2</sub> [ ]          | 285 | 357 | 428 | 510 | 580 | 728 |
| ≥ C20/25 h <sub>ef1</sub> [ ] | 4   | 7   | 10  | 13  | 17  | 28  |
| ≥ C20/25 h <sub>ef2</sub> [ ] | 16  | 25  | 36  | 50  | 65  | 102 |



KEW VSH -

KEW VIG

KEW VG

|  |  | ØH | LH | LB | ØS |  |  |
|--|--|----|----|----|----|--|--|
|  |  | Ø  | =  |    | Ø  |  |  |

|           |       |    |    |    |        |      |      |
|-----------|-------|----|----|----|--------|------|------|
| VSH 12x50 | 33804 | 12 | 50 | 60 | M6-M 8 | 7    | 5400 |
| VSH 15x85 | 33805 | 15 | 85 | 95 | M8-M12 | 17,5 | 3600 |



KEW VG -

KEW VSH

|             |       |           |    |    |
|-------------|-------|-----------|----|----|
| VG M 8x110  | 36690 | VSH 12x50 | 55 | xx |
| VG M 8x125  | 36691 | VSH 12x50 | 70 | xx |
| VG M 10x 95 | 36692 | VSH 15x85 | 5  | xx |
| VG M 10x110 | 36693 | VSH 15x85 | 20 | xx |
| VG M 10x145 | 36694 | VSH 15x85 | 55 | xx |
| VG M 12x105 | 36695 | VSH 15x85 | 15 | xx |
| VG M 12x130 | 36696 | VSH 15x85 | 40 | xx |
| VG M 12x150 | 36697 | VSH 15x85 | 60 | xx |



KEW VIG -

KEW VSH

|  |  | ØH | HV |  |  |
|--|--|----|----|--|--|
|  |  | Ø  |    |  |  |

|          |       |    |    |    |    |     |           |    |
|----------|-------|----|----|----|----|-----|-----------|----|
| VIG M 8  | 36669 | 12 | 80 | 8  | 65 | M8  | VSH 12x50 | 20 |
| VIG M 10 | 36478 | 14 | 80 | 10 | 65 | M10 | VSH 15x85 | 20 |
| VIG M 12 | 36670 | 16 | 80 | 12 | 65 | M12 | VSH 15x85 | 20 |



KEW VKB -

|        |       |  |      | Menge<br>St./VE |
|--------|-------|--|------|-----------------|
| VKB 17 | 36676 |  | Ø 10 | 1               |
| VKB 30 | 36677 |  | Ø 10 | 1               |



KEW VKP1 -

: KEW VM EP 160 S, KEW VM EP 280 S

KEW VM P 150 S

|       |       |   |
|-------|-------|---|
| VKP 1 | 36679 | 1 |
|-------|-------|---|



KEW VKP2 -

: KEW VM EP 160 S, KEW VM EP 280 S

KEW VM P 150 S

|       |       |   |
|-------|-------|---|
| VKP 2 | 36680 | 1 |
|-------|-------|---|



KEW VKP3 -

: KEW VM EP 345 S

|       |       |   |
|-------|-------|---|
| VKP 3 | 36681 | 1 |
|-------|-------|---|



KEW VKP4 -

: KEW VMP 380 S

|       |        |   |
|-------|--------|---|
| VKP 4 | 366811 | 1 |
|-------|--------|---|



KEW VKA -

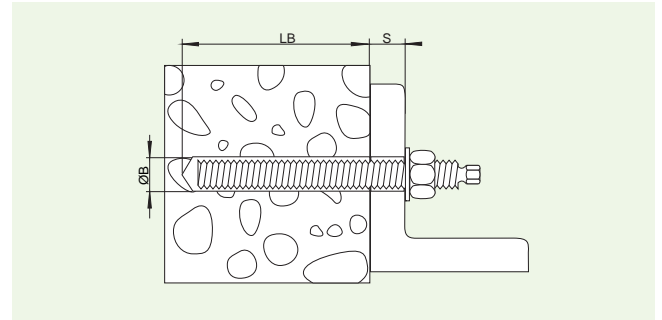
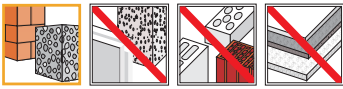
|     |       |   |
|-----|-------|---|
| VKA | 36678 | 1 |
|-----|-------|---|

- VAP



KEW VAP

- KEW VAS,



KEW VAP -

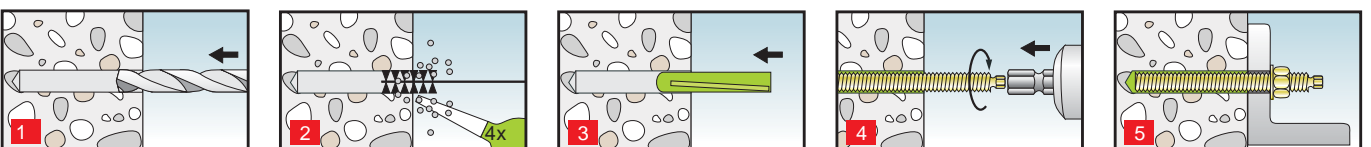
|         |       | ØB | LB  |    |     |
|---------|-------|----|-----|----|-----|
|         |       | Ø  |     |    |     |
| VAP M 8 | 33807 | 10 | 80  | 10 | 200 |
| VAP M10 | 33808 | 12 | 90  | 10 | 200 |
| VAP M12 | 33809 | 14 | 110 | 10 | 200 |
| VAP M16 | 35003 | 18 | 125 | 10 | 200 |
| VAP M20 | 35004 | 25 | 170 | 5  | 100 |



KEW VAS -

|              |       | L   | S  |    |  |
|--------------|-------|-----|----|----|--|
| VAS M 8x110  | 33810 | 110 | 13 | 10 |  |
| VAS M 10x130 | 33811 | 130 | 20 | 10 |  |
| VAS M 12x160 | 33812 | 160 | 25 | 10 |  |
| VAS M 16x190 | 35005 | 190 | 35 | 10 |  |
| VAS M 20x220 | 35006 | 220 | 17 | 5  |  |

Z-12.3-1579



Химический крепеж

- VAP



Химический  
материал

IV IV

|   | M16                           | M20                           |
|---|-------------------------------|-------------------------------|
|   | 15<br>10                      | 27<br>19                      |
|   | 18<br>125<br>80<br>18<br>94,9 | 25<br>170<br>150<br>22<br>186 |
| ≥ | 31<br>13                      | 42<br>17                      |
| ≥ | 15,5<br>6,5<br>17,5           | 21<br>8,5<br>23               |