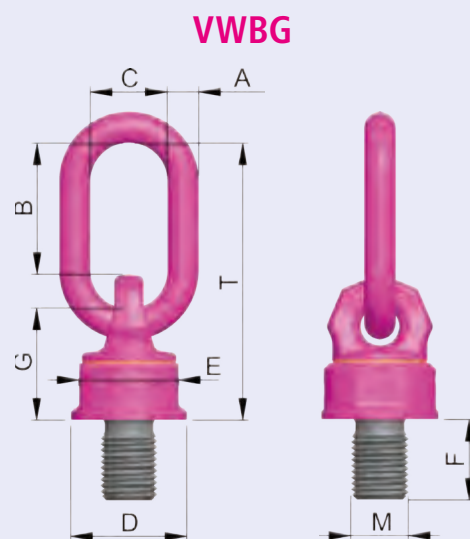
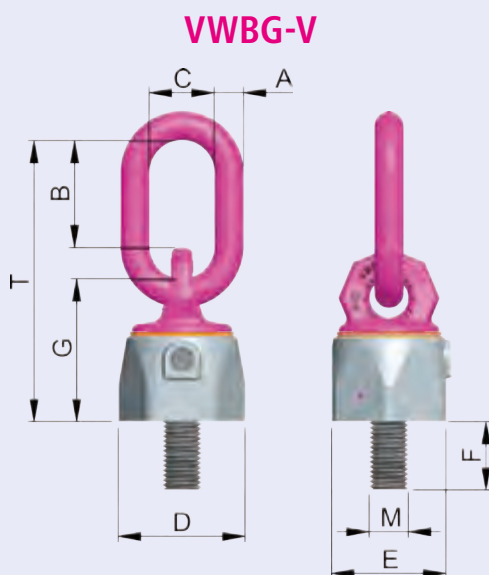


**VWBG-V / VWBG // metric thread**

| Type                             | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | weight<br>[kg/pc.] | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F<br>[mm] | G<br>[mm] | M    | torque<br>[Nm] | Ref. No. |
|----------------------------------|--------------|--------------|--------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|----------------|----------|
| <b>VWBG-V Load ring – metric</b> |              |              |              |                    |           |           |           |           |           |           |           |           |      |                |          |
| VWBG-V 0.3-M8                    | 0.3          | 0.4          | 0.6          | 0.18               | 76        | 8         | 31        | 29        | 30        | 28        | 13        | 36        | M8   | 10             | 7103720  |
| VWBG-V 0.45-M10                  | 0.45         | 0.6          | 0.9          | 0.29               | 78        | 8         | 31        | 29        | 33.5      | 30        | 17        | 38        | M10  | 10             | 7103715  |
| VWBG-V 0.6-M12                   | 0.6          | 0.75         | 1.2          | 0.41               | 107       | 10        | 49        | 35        | 42        | 36        | 21        | 47        | M12  | 10             | 7100180  |
| VWBG-V 1.0-M14 (F=21)            | 1            | 1.25         | 2            | 0.63               | 114       | 13        | 46        | 38        | 48        | 41        | 21        | 56        | M14  | 25             | 8600337  |
| VWBG-V 1.3-M16                   | 1.3          | 1.5          | 2.6          | 0.59               | 114       | 13        | 46        | 38        | 48        | 41        | 25        | 56        | M16  | 30             | 7100430  |
| VWBG-V 1.8-M18 (F=27)            | 1.8          | 2            | 3.6          | 1.18               | 137       | 13        | 54        | 35        | 62        | 55        | 27        | 67        | M18  | 50             | 8600338  |
| VWBG-V 2.0-M20                   | 2            | 2.5          | 4            | 1.42               | 137       | 13        | 54        | 35        | 62        | 55        | 33        | 67        | M20  | 70             | 7100800  |
| VWBG-V 2.0-M22 (F=33)            | 2            | 2.5          | 4            | 1.45               | 137       | 13        | 54        | 35        | 62        | 55        | 33        | 67        | M22  | 100            | 8600334  |
| VWBG-V 3.5-M24                   | 3.5          | 4            | 7            | 2.63               | 173       | 18        | 66        | 40        | 81        | 70        | 40        | 88        | M24  | 150            | 7100640  |
| VWBG-V 3.5-M27 (F=41)            | 3.5          | 4            | 7            | 2.65               | 173       | 18        | 66        | 40        | 81        | 70        | 41        | 88        | M27  | 200            | 8600335  |
| VWBG-V 5.0-M30                   | 5            | 6            | 10           | 5.09               | 221       | 22        | 90        | 50        | 99        | 85        | 50        | 106       | M30  | 225            | 7100650  |
| <b>VWBG Load ring – metric</b>   |              |              |              |                    |           |           |           |           |           |           |           |           |      |                |          |
| VWBG 6(7.5)t-M33 (F=50)          | 6            | 7.5          | 15           | 5.6                | 208       | 22        | 86        | 50        | 90        | 80        | 50        | 96        | M33  | 350            | 8600150  |
| VWBG 8(10)t-M36                  | 8            | 10           | 15           | 4.7                | 208       | 22        | 86        | 50        | 90        | 80        | 54        | 94        | M36  | 410            | 7999059  |
| VWBG 12(13)t-M42                 | 12           | 13           | 17           | 6.1                | 234       | 26        | 111       | 65        | 98        | 85        | 63        | 95        | M42  | 550            | 7999044  |
| VWBG 12(15)t-M45                 | 12           | 15           | 18           | 6.24               | 234       | 26        | 111       | 65        | 98        | 85        | 67        | 95        | M45  | 550            | 7900455  |
| VWBG 13(16)t-M48                 | 13           | 16           | 18           | 6.37               | 234       | 26        | 111       | 65        | 98        | 85        | 68        | 95        | M48  | 550            | 7999045  |
| VWBG 14(20)t-M52                 | 14           | 20           | 25           | 10.55              | 271       | 32        | 119       | 70        | 120       | 95        | 78        | 120       | M52  | 750            | 7901081  |
| VWBG 16(22)t-M56                 | 16           | 22           | 28           | 10.68              | 271       | 32        | 119       | 70        | 120       | 95        | 84        | 120       | M56  | 800            | 7999004  |
| VWBG 16(22)t-M60 (F=90)          | 16           | 22           | 28           | 11.37              | 271       | 32        | 119       | 70        | 120       | 95        | 90        | 120       | M60  | 800            | 8600454  |
| VWBG 16(25)t-M64                 | 16           | 25           | 28           | 11.4               | 271       | 32        | 119       | 70        | 120       | 95        | 94        | 120       | M64  | 800            | 7999043  |
| VWBG 31.5(40)t-M72               | 31.5         | 40           | 50           | 29.96              | 338       | 46        | 130       | 90        | 170       | 145       | 108       | 159       | M72  | 1200           | 7900097  |
| VWBG 35(48)t-M80                 | 35           | 48           | 50           | 31.19              | 338       | 46        | 130       | 90        | 170       | 145       | 120       | 159       | M80  | 1500           | 7900100  |
| VWBG 40(50)t-M90                 | 40           | 50           | 50           | 34.5               | 378       | 46        | 168       | 110       | 170       | 145       | 135       | 159       | M90  | 2000           | 7903408  |
| VWBG 40(50)t M100 (F= 150)       | 40           | 50           | 50           | 36.5               | 378       | 46        | 168       | 110       | 170       | 145       | 150       | 159       | M100 | 2000           | 8600458  |

subject to technical modifications



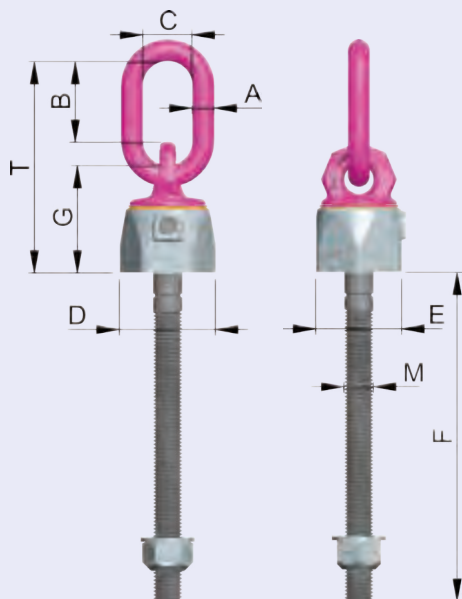
## VWBG-V / VWBG // metric with longer Vario bolt

| Type                                                    | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | weight<br>[kg/pc.] | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F<br>[mm] | G<br>[mm] | M        | torque<br>[Nm] | Ref. No |
|---------------------------------------------------------|--------------|--------------|--------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------------|---------|
| <b>VWBG-V Load ring – metric with longer Vario bolt</b> |              |              |              |                    |           |           |           |           |           |           |           |           |          |                |         |
| VWBG-V 0.3-M8                                           | 0.3          | 0.4          | 0.6          | *                  | 76        | 8         | 31        | 29        | 30        | 28        | 8-102     | 36        | M8       | 10             | 8600330 |
| VWBG-V 0.45-M10                                         | 0.45         | 0.6          | 0.9          | *                  | 78        | 8         | 31        | 29        | 33.5      | 30        | 10-122    | 38        | M10      | 10             | 8600331 |
| VWBG-V 0.6-M12                                          | 0.6          | 0.75         | 1.2          | *                  | 107       | 10        | 49        | 35        | 42        | 36        | 12-140    | 47        | M12      | 10             | 8600332 |
| VWBG-V 1.0-M14                                          | 1            | 1.25         | 2            | *                  | 114       | 13        | 46        | 38        | 48        | 41        | 14-160    | 56        | M14      | 25             | 8600337 |
| VWBG-V 1.3-M16                                          | 1.3          | 1.5          | 2.6          | *                  | 114       | 13        | 46        | 38        | 48        | 41        | 16-180    | 56        | M16      | 30             | 8600333 |
| VWBG-V 1.8-M18                                          | 1.8          | 2            | 3.6          | *                  | 137       | 13        | 54        | 35        | 62        | 55        | 18-83     | 67        | M18      | 50             | 8600338 |
| VWBG-V 2.0-M20                                          | 2            | 2.5          | 4            | *                  | 137       | 13        | 54        | 35        | 62        | 55        | 20-223    | 67        | M20      | 70             | 8600334 |
| VWBG-V 2.0-M22                                          | 2            | 2.5          | 4            | *                  | 137       | 12        | 54        | 35        | 62        | 55        | 22-94     | 67        | M22      | 100            | 8600334 |
| VWBG-V 3.5-M24                                          | 3.5          | 4            | 7            | *                  | 173       | 18        | 66        | 40        | 81        | 70        | 24-255    | 88        | M24      | 150            | 8600335 |
| VWBG-V 3.5-M27                                          | 3.5          | 4            | 7            | *                  | 173       | 18        | 66        | 40        | 81        | 70        | 27-92     | 88        | M27      | 200            | 8600335 |
| VWBG-V 5.0-M30                                          | 5            | 6            | 10           | *                  | 221       | 22        | 90        | 50        | 99        | 85        | 30-330    | 106       | M30      | 225            | 8600336 |
| <b>VWBG Load ring – metric with longer Vario bolt</b>   |              |              |              |                    |           |           |           |           |           |           |           |           |          |                |         |
| VWBG 6(7.5)t                                            | 6            | 7.5          | 15           | *                  | 208       | 23        | 86        | 50        | 90        | 80        | 33-300    | 94        | M33      | 350            | 8600150 |
| VWBG 8(10)t                                             | 8            | 10           | 15           | *                  | 208       | 23        | 86        | 50        | 90        | 80        | 36-300    | 94        | M36-M39  | 410            | 8600451 |
| VWBG 12(13)t                                            | 12           | 13           | 17           | *                  | 234       | 26        | 111       | 65        | 98        | 85        | 42-300    | 95        | M42-M45  | 550            | 8600452 |
| VWBG 13(16)t                                            | 13           | 16           | 18           | *                  | 234       | 26        | 111       | 65        | 98        | 85        | 48-300    | 95        | M48-M52  | 550            | 8600453 |
| VWBG 14(20)t                                            | 14           | 20           | 25           | *                  | 271       | 32        | 119       | 70        | 120       | 95        | 52-300    | 120       | M52      | 750            | 8600158 |
| VWBG 16(22)t                                            | 16           | 22           | 28           | *                  | 271       | 32        | 119       | 70        | 120       | 95        | 56-300    | 120       | M56-M60  | 800            | 8600454 |
| VWBG 16(25)t                                            | 16           | 25           | 28           | *                  | 271       | 32        | 119       | 70        | 120       | 95        | 64-300    | 120       | M64-M76  | 800            | 8600455 |
| VWBG 31.5(40)t                                          | 31.5         | 40           | 50           | *                  | 338       | 46        | 130       | 90        | 170       | 145       | 72-300    | 159       | M72-M76  | 1200           | 8600456 |
| VWBG 35(48)t                                            | 35           | 48           | 50           | *                  | 338       | 46        | 130       | 90        | 170       | 145       | 80-300    | 159       | M80-M85  | 1500           | 8600457 |
| VWBG 40(50)t                                            | 40           | 50           | 50           | *                  | 378       | 46        | 168       | 110       | 170       | 145       | 90-300    | 159       | M90-M150 | 2000           | 8600458 |

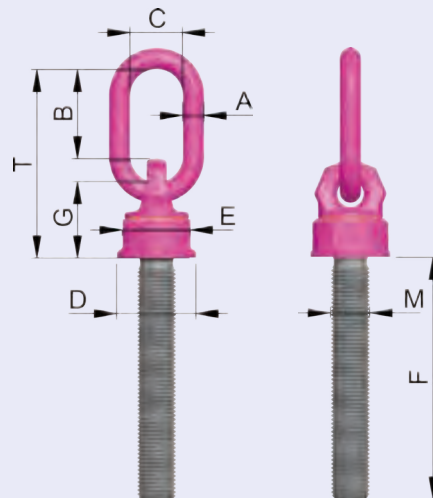
\* = weight depends on design specifics

subject to technical modifications

**VWBG-V – metric,  
longer Vario bolt**



**VWBG – metric,  
longer Vario bolt**



**VWBG-V / VWBG // metric fine thread with longer Vario bolt**

| Type                                                                | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | weight<br>[kg/pc.] | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F<br>[mm] | G<br>[mm] | M       | torque<br>[Nm] | Ref. No |
|---------------------------------------------------------------------|--------------|--------------|--------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|----------------|---------|
| <b>VWBG-V Load ring – metric fine thread with longer Vario bolt</b> |              |              |              |                    |           |           |           |           |           |           |           |           |         |                |         |
| VWBG-V 0.6-M12×1.5                                                  | 0.6          | 0.75         | 1.2          | *                  | 107       | 10        | 49        | 35        | 42        | 36        | 12-55     | 47        | M12×1.5 | 10             | 8600332 |
| VWBG-V 1.0-M14×1.5                                                  | 1            | 1.25         | 2            | *                  | 114       | 13        | 46        | 38        | 48        | 41        | 14-65     | 56        | M14×1.5 | 25             | 8600337 |
| VWBG-V 1.3-M16×1.5                                                  | 1.3          | 1.5          | 2.6          | *                  | 114       | 13        | 46        | 38        | 48        | 41        | 16-70     | 56        | M16×1.5 | 30             | 8600333 |
| VWBG-V 1.8-M18×1.5                                                  | 1.8          | 2            | 3.6          | *                  | 137       | 13        | 54        | 35        | 62        | 55        | 18-83     | 67        | M18×1.5 | 50             | 8600338 |
| VWBG-V 2.0-M20×1.5                                                  | 2            | 2.5          | 4            | *                  | 137       | 13        | 54        | 35        | 62        | 55        | 20-88     | 67        | M20×1.5 | 70             | 8600334 |
| VWBG-V 3.5-M24×1.5                                                  | 3.5          | 4            | 7            | *                  | 173       | 18        | 66        | 40        | 81        | 70        | 24-95     | 88        | M24×1.5 | 150            | 8600335 |
| VWBG-V 5.0-M30×2                                                    | 5            | 6            | 10           | *                  | 221       | 22        | 90        | 50        | 99        | 85        | 30-125    | 106       | M30×2   | 225            | 8600336 |
| <b>VWBG Load ring – metric fine thread with longer Vario bolt</b>   |              |              |              |                    |           |           |           |           |           |           |           |           |         |                |         |
| VWBG 6(7.5)t-M33×2                                                  | 6            | 7.5          | 15           | *                  | 208       | 23        | 86        | 50        | 90        | 80        | 33-300    | 94        | M33×2   | 350            | 8600150 |
| VWBG 8(10)t-M36×3                                                   | 8            | 10           | 15           | *                  | 208       | 23        | 86        | 50        | 90        | 80        | 36-300    | 94        | M36×3   | 410            | 8600451 |
| VWBG 12(13)t-M42×3                                                  | 12           | 13           | 17           | *                  | 234       | 26        | 111       | 65        | 98        | 85        | 42-300    | 95        | M42×3   | 550            | 8600452 |
| VWBG 13(16)t-M48×3                                                  | 13           | 16           | 18           | *                  | 234       | 26        | 111       | 65        | 98        | 85        | 48-300    | 95        | M48×3   | 550            | 8600453 |
| VWBG 16(22)t-M56×4                                                  | 16           | 22           | 28           | *                  | 271       | 32        | 119       | 70        | 120       | 95        | 56-300    | 120       | M56×4   | 800            | 8600454 |
| VWBG 16(25)t-M64×4                                                  | 16           | 25           | 28           | *                  | 271       | 32        | 119       | 70        | 120       | 95        | 64-300    | 120       | M64×4   | 800            | 8600455 |
| VWBG 31.5(40)t-M72×4                                                | 31.5         | 40           | 50           | *                  | 338       | 46        | 130       | 90        | 170       | 145       | 72-300    | 159       | M72×4   | 1200           | 8600456 |
| VWBG 35(48)t-M80×4                                                  | 35           | 48           | 50           | *                  | 338       | 46        | 130       | 90        | 170       | 145       | 80-300    | 159       | M80×4   | 1500           | 8600457 |
| VWBG 40(50)t-M90×4                                                  | 40           | 50           | 50           | *                  | 378       | 46        | 168       | 110       | 170       | 145       | 90-300    | 159       | M90×4   | 2000           | 8600458 |

\* = weight depends on design specifics

subject to technical modifications

