

# VWBG-V / VWBG

VIP-load ring thread VARIO /  
VIP-load ring thread.



RUD RFID  
CONNECT IT



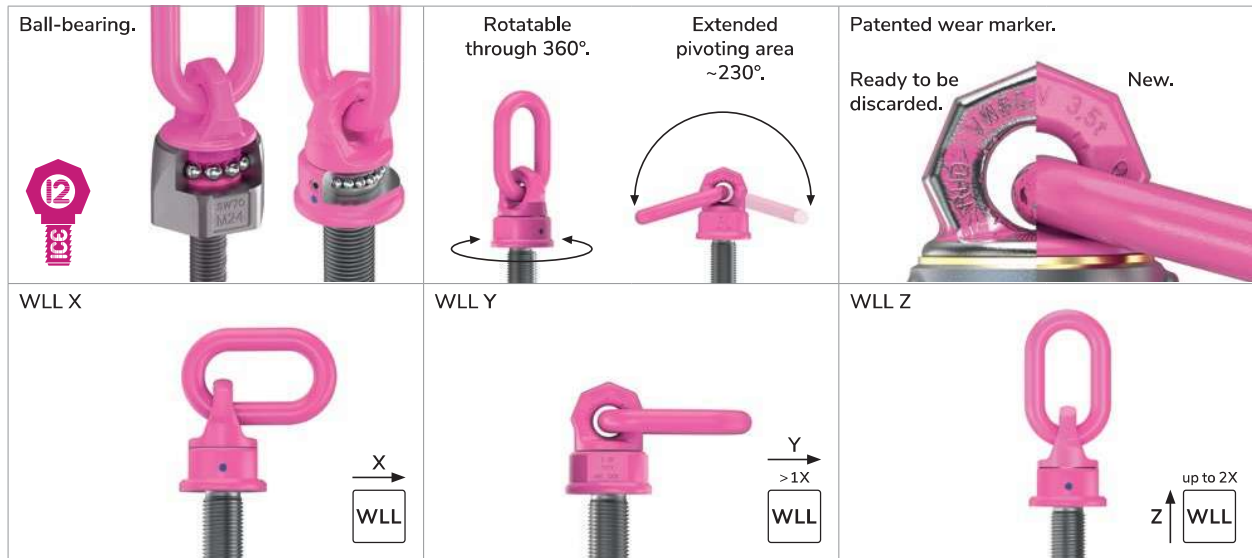
VWBG-V



VWBG

## PRODUCT FEATURES

- Large WLL range 0.3 t–5 t / 6 t–50 t
- Clear indication of the minimum WLL for all loading directions. Higher WLL by optimised attachment or application.
- Rotatable 90° to the bolt-on direction under rated WLL.
- Variable bolt lengths available for use in threaded and through holes.
- VWBG-V: Non-removable special bolt (do not use unsuitable standard screws).
- VWBG-V: RUD bolts with special corrosion protection Corrud-DT.
- Large clearance between the bolt-on surface and load to prevent damage.



✓ VWBG-V: Tested and certified by DGUV.

Test criteria: GS-OA-15-04: 2015-12  
Certificate no.: OA 1651056

VWBG corresponds with the test criteria:  
GS-OA-15-04

- 360° rotatable, 230° pivotable.
- Ball bearing for shock-free and less friction when rotating and turning.
- Optical markings to determine the load angle and wear occurrence.

# VWBG-V / VWBG

Metric thread.

## VWBG-V LOAD RING – METRIC.

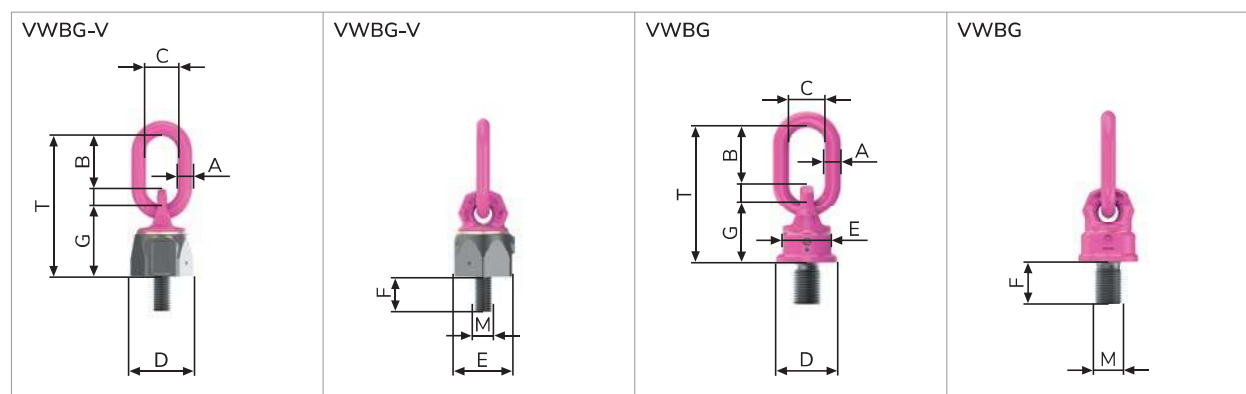
| Type                  | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F<br>[mm] | G<br>[mm] | M   | Tightening<br>torque [Nm] | Ref. No. |
|-----------------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|---------------------------|----------|
| VWBG-V 0.3-M8         | 0.3          | 0.4          | 0.6          | 0.18                | 76        | 8         | 31        | 29        | 30        | 27        | 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-M14 (F=21)   | 1            | 1.25         | 2            | 0.63                | 114       | 13        | 46        | 38        | 48        | 41        | 21        | 56        | M14 | 25                        | 7910221  |
| 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-M20          | 2            | 2.5          | 4            | 1.42                | 137       | 13        | 54        | 35        | 62        | 55        | 33        | 67        | M20 | 70                        | 7100800  |
| VWBG-V 2-M22 (F=33)   | 2            | 2.5          | 4            | 1.45                | 137       | 13        | 54        | 35        | 62        | 55        | 33        | 67        | M22 | 120                       | 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-M30          | 5            | 6            | 10           | 5.09                | 221       | 22        | 90        | 50        | 99        | 85        | 50        | 106       | M30 | 225                       | 7100650  |

Subject to technical changes!

## VWBG LOAD RING – METRIC.

| Type                       | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | 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    | Tightening<br>torque [Nm] | Ref. No. |
|----------------------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|---------------------------|----------|
| VWBG 6(7.5) t-M33 (F=50)   | 6            | 7.5          | 15           | 4.7                 | 208       | 22        | 86        | 50        | 90        | 80        | 50        | 94        | 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           | 6.2                 | 234       | 26        | 111       | 65        | 98        | 85        | 67        | 95        | M45  | 550                       | 7900455  |
| VWBG 13(16) t-M48          | 13           | 16           | 18           | 6.8                 | 234       | 26        | 111       | 65        | 98        | 85        | 68        | 95        | M48  | 550                       | 7999045  |
| VWBG 14(20) t-M52          | 14           | 20           | 25           | 10.6                | 271       | 32        | 119       | 70        | 120       | 95        | 78        | 120       | M52  | 750                       | 7901081  |
| VWBG 16(22) t-M56          | 16           | 22           | 28           | 10.7                | 271       | 32        | 119       | 70        | 120       | 95        | 84        | 120       | M56  | 800                       | 7999004  |
| VWBG 16(22) t-M60 (F=90)   | 16           | 22           | 28           | 11.4                | 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           | 30                  | 338       | 46        | 130       | 90        | 170       | 145       | 108       | 159       | M72  | 1.200                     | 7900097  |
| VWBG 35(48) t-M80          | 35           | 48           | 50           | 31                  | 338       | 46        | 130       | 90        | 170       | 145       | 120       | 159       | M80  | 1.500                     | 7900100  |
| VWBG 40(50) t-M90          | 40           | 50           | 50           | 35                  | 378       | 46        | 168       | 110       | 170       | 145       | 135       | 159       | M90  | 2.000                     | 7903408  |
| VWBG 40(50) t-M100 (F=150) | 40           | 50           | 50           | 37                  | 378       | 46        | 168       | 110       | 170       | 145       | 150       | 159       | M100 | 2.000                     | 8600458  |

Subject to technical changes!



# VWBG-V / VWBG

Metric thread in variable length.

## VWBG-V LOAD RING – METRIC IN VARIABLE LENGTH.

| Type            | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M   | Tightening<br>torque [Nm] | Ref. No. |
|-----------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|-----|---------------------------|----------|
| VWBG-V 0.3-M8   | 0.3          | 0.4          | 0.6          | <sup>1</sup>        | 76        | 8         | 31        | 29        | 30        | 27        | 8-102           | 36        | M8  | 10                        | 8600330  |
| VWBG-V 0.45-M10 | 0.45         | 0.6          | 0.9          | <sup>1</sup>        | 78        | 8         | 31        | 29        | 33.5      | 30        | 10-122          | 38        | M10 | 10                        | 8600331  |
| VWBG-V 0.6-M12  | 0.6          | 0.75         | 1.2          | <sup>1</sup>        | 107       | 10        | 49        | 35        | 42        | 36        | 12-140          | 47        | M12 | 10                        | 8600332  |
| VWBG-V 1-M14    | 1            | 1.25         | 2            | <sup>1</sup>        | 114       | 13        | 46        | 38        | 48        | 41        | 14-160          | 56        | M14 | 25                        | 8600337  |
| VWBG-V 1.3-M16  | 1.3          | 1.5          | 2.6          | <sup>1</sup>        | 114       | 13        | 46        | 38        | 48        | 41        | 16-180          | 56        | M16 | 30                        | 8600333  |
| VWBG-V 1.8-M18  | 1.8          | 2            | 3.6          | <sup>1</sup>        | 137       | 13        | 54        | 35        | 62        | 55        | 18-83           | 67        | M18 | 50                        | 8600338  |
| VWBG-V 2-M20    | 2            | 2.5          | 4            | <sup>1</sup>        | 137       | 13        | 54        | 35        | 62        | 55        | 20-223          | 67        | M20 | 70                        | 8600334  |
| VWBG-V 2-M22    | 2            | 2.5          | 4            | <sup>1</sup>        | 137       | 13        | 54        | 35        | 62        | 55        | 22-94           | 67        | M22 | 120                       | 8600334  |
| VWBG-V 3.5-M24  | 3.5          | 4            | 7            | <sup>1</sup>        | 173       | 18        | 66        | 40        | 81        | 70        | 24-255          | 88        | M24 | 150                       | 8600335  |
| VWBG-V 3.5-M27  | 3.5          | 4            | 7            | <sup>1</sup>        | 173       | 18        | 66        | 40        | 81        | 70        | 27-92           | 88        | M27 | 200                       | 8600335  |
| VWBG-V 5-M30    | 5            | 6            | 10           | <sup>1</sup>        | 221       | 22        | 90        | 50        | 99        | 85        | 30-330          | 106       | M30 | 225                       | 8600336  |

<sup>1</sup> Weight depends on the design.

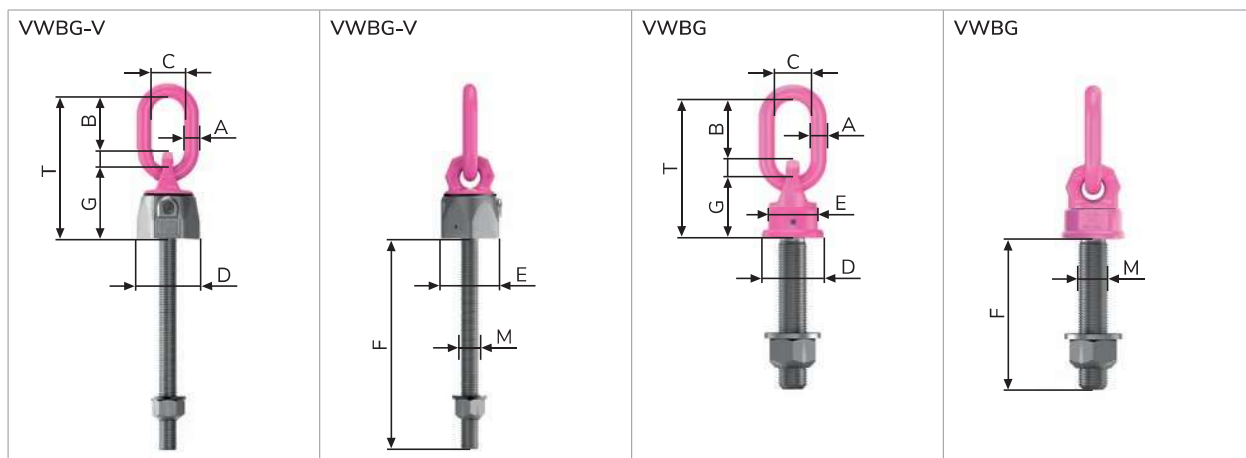
Subject to technical changes!

## VWBG LOAD RING – METRIC IN VARIABLE LENGTH.

| Type            | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M        | Tightening<br>torque [Nm] | Ref. No. |
|-----------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|----------|---------------------------|----------|
| VWBG 6(7.5) t   | 6            | 7.5          | 15           | <sup>1</sup>        | 208       | 22        | 86        | 50        | 90        | 80        | 33-300          | 94        | M33      | 350                       | 8600150  |
| VWBG 8(10) t    | 8            | 10           | 15           | <sup>1</sup>        | 208       | 22        | 86        | 50        | 90        | 80        | 36-300          | 94        | M36-M39  | 410                       | 8600451  |
| VWBG 12(13) t   | 12           | 13           | 17           | <sup>1</sup>        | 234       | 26        | 111       | 65        | 98        | 85        | 42-300          | 95        | M42-M45  | 550                       | 8600452  |
| VWBG 13(16) t   | 13           | 16           | 18           | <sup>1</sup>        | 234       | 26        | 111       | 65        | 98        | 85        | 48-300          | 95        | M48-M52  | 550                       | 8600453  |
| VWBG 14(20) t   | 14           | 20           | 25           | <sup>1</sup>        | 271       | 32        | 119       | 70        | 120       | 95        | 52-300          | 120       | M52      | 750                       | 8600158  |
| VWBG 16(22) t   | 16           | 22           | 28           | <sup>1</sup>        | 271       | 32        | 119       | 70        | 120       | 95        | 56-300          | 120       | M56-M60  | 800                       | 8600454  |
| VWBG 16(25) t   | 16           | 25           | 28           | <sup>1</sup>        | 271       | 32        | 119       | 70        | 120       | 95        | 64-300          | 120       | M64-M76  | 800                       | 8600455  |
| VWBG 31.5(40) t | 31.5         | 40           | 50           | <sup>1</sup>        | 338       | 46        | 130       | 90        | 170       | 145       | 72-300          | 159       | M72-M76  | 1.200                     | 8600456  |
| VWBG 35(48) t   | 35           | 48           | 50           | <sup>1</sup>        | 338       | 46        | 130       | 90        | 170       | 145       | 80-300          | 159       | M80-M85  | 1.500                     | 8600457  |
| VWBG 40(50) t   | 40           | 50           | 50           | <sup>1</sup>        | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | M90-M150 | 2.000                     | 8600458  |

<sup>1</sup> Weight depends on the design.

Subject to technical changes!



# VWBG-V / VWBG

Metric fine thread in variable length.

## VWBG-V LOAD RING – METRIC FINE THREAD IN VARIABLE LENGTH.

| Type                 | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M         | Tightening<br>torque [Nm] | Ref. No. |
|----------------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|-----------|---------------------------|----------|
| VWBG-V 0.6-M12 × 1.5 | 0.6          | 0.75         | 1.2          | <sup>1</sup>        | 107       | 10        | 49        | 35        | 42        | 36        | 12–55           | 47        | M12 × 1.5 | 10                        | 8600332  |
| VWBG-V 1-M14 × 1.5   | 1            | 1.25         | 2            | <sup>1</sup>        | 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          | <sup>1</sup>        | 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          | <sup>1</sup>        | 137       | 13        | 54        | 35        | 62        | 55        | 18–83           | 67        | M18 × 1.5 | 50                        | 8600338  |
| VWBG-V 2-M20 × 1.5   | 2            | 2.5          | 4            | <sup>1</sup>        | 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            | <sup>1</sup>        | 173       | 18        | 66        | 40        | 81        | 70        | 24–97           | 88        | M24 × 1.5 | 150                       | 8600335  |
| VWBG-V 3.5-M24 × 2   | 3.5          | 4            | 7            | <sup>1</sup>        | 173       | 18        | 66        | 40        | 81        | 70        | 24–42           | 88        | M24 × 1.5 | 150                       | 8600335  |
| VWBG-V 5-M30 × 2     | 5            | 6            | 10           | <sup>1</sup>        | 221       | 22        | 90        | 50        | 99        | 85        | 30–125          | 106       | M30 × 2   | 225                       | 8600336  |

<sup>1</sup> Weight depends on the design.

Subject to technical changes!

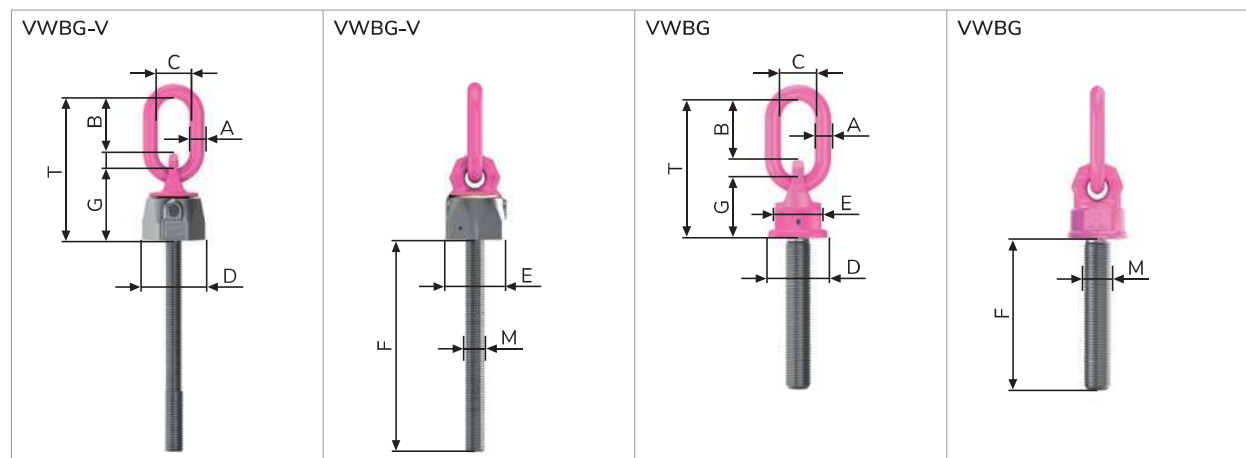
## VWBG LOAD RING – METRIC FINE THREAD IN VARIABLE LENGTH.

| Type                    | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M       | Tightening<br>torque [Nm] | Ref. No. |
|-------------------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|---------|---------------------------|----------|
| VWBG 6(7.5) t-M33 × 2   | 6            | 7.5          | 15           | <sup>1</sup>        | 208       | 22        | 86        | 50        | 90        | 80        | 33–300          | 94        | M33 × 2 | 350                       | 8600150  |
| VWBG 8(10) t-M36 × 3    | 8            | 10           | 15           | <sup>1</sup>        | 208       | 22        | 86        | 50        | 90        | 80        | 36–300          | 94        | M36 × 3 | 410                       | 8600451  |
| VWBG 12(13) t-M42 × 3   | 12           | 13           | 17           | <sup>1</sup>        | 234       | 26        | 111       | 65        | 98        | 85        | 42–300          | 95        | M42 × 3 | 550                       | 8600452  |
| VWBG 13(16) t-M48 × 3   | 13           | 16           | 18           | <sup>1</sup>        | 234       | 26        | 111       | 65        | 98        | 85        | 48–300          | 95        | M48 × 3 | 550                       | 8600453  |
| VWBG 16(22) t-M56 × 4   | 16           | 22           | 28           | <sup>1</sup>        | 271       | 32        | 119       | 70        | 120       | 95        | 56–300          | 120       | M56 × 4 | 800                       | 8600454  |
| VWBG 16(25) t-M64 × 4   | 16           | 25           | 28           | <sup>1</sup>        | 271       | 32        | 119       | 70        | 120       | 95        | 64–300          | 120       | M64 × 4 | 800                       | 8600455  |
| VWBG 31.5(40) t-M72 × 4 | 31.5         | 40           | 50           | <sup>1</sup>        | 338       | 46        | 130       | 90        | 170       | 145       | 72–300          | 159       | M72 × 4 | 1.200                     | 8600456  |
| VWBG 35(48) t-M80 × 4   | 35           | 48           | 50           | <sup>1</sup>        | 338       | 46        | 130       | 90        | 170       | 145       | 80–300          | 159       | M80 × 4 | 1.500                     | 8600457  |
| VWBG 40(50) t-M90 × 4   | 40           | 50           | 50           | <sup>1</sup>        | 378       | 46        | 168       | 110       | 170       | 145       | 90–300          | 159       | M90 × 4 | 2.000                     | 8600458  |

<sup>1</sup> Weight depends on the design.

Subject to technical changes!

VWBG: further fine thread designs on request.



# VWBG-V

UNC inch thread.

VWBG-V LOAD RING – UNC INCH THREAD.

| Type                   | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | 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           | Tightening<br>torque [Nm] | Ref. No. |
|------------------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|---------------------------|----------|
| VWBG-V 0.3-5/16"-18UNC | 0.3          | 0.4          | 0.6          | 0.18                | 76        | 8         | 31        | 29        | 30        | 27        | 13        | 36        | 5/16"-18UNC | 10                        | 7991090  |
| VWBG-V 0.45-3/8"-16UNC | 0.45         | 0.6          | 0.9          | 0.29                | 78        | 8         | 31        | 29        | 33.5      | 30        | 17        | 38        | 3/8"-16UNC  | 10                        | 7991091  |
| VWBG-V 0.6-1/2"-13UNC  | 0.6          | 0.75         | 1.2          | 0.41                | 107       | 10        | 49        | 35        | 42        | 36        | 21        | 47        | 1/2"-13UNC  | 10                        | 7991092  |
| VWBG-V 1.3-5/8"-11UNC  | 1.3          | 1.5          | 2.6          | 0.52                | 114       | 13        | 46        | 38        | 48        | 41        | 29        | 56        | 5/8"-11UNC  | 30                        | 7991093  |
| VWBG-V 2-3/4"-10UNC    | 2            | 2.5          | 4            | 1.42                | 137       | 13        | 54        | 35        | 62        | 55        | 28        | 67        | 3/4"-10UNC  | 70                        | 7991094  |
| VWBG-V 3.5-1"-8UNC     | 3.5          | 4            | 7            | 2.63                | 173       | 18        | 66        | 40        | 81        | 70        | 38        | 88        | 1"-8UNC     | 150                       | 7991095  |
| VWBG-V 5-1 1/4"-7UNC   | 5            | 6            | 10           | 5.09                | 221       | 22        | 90        | 50        | 99        | 85        | 47        | 106       | 1 1/4"-7UNC | 225                       | 7991096  |

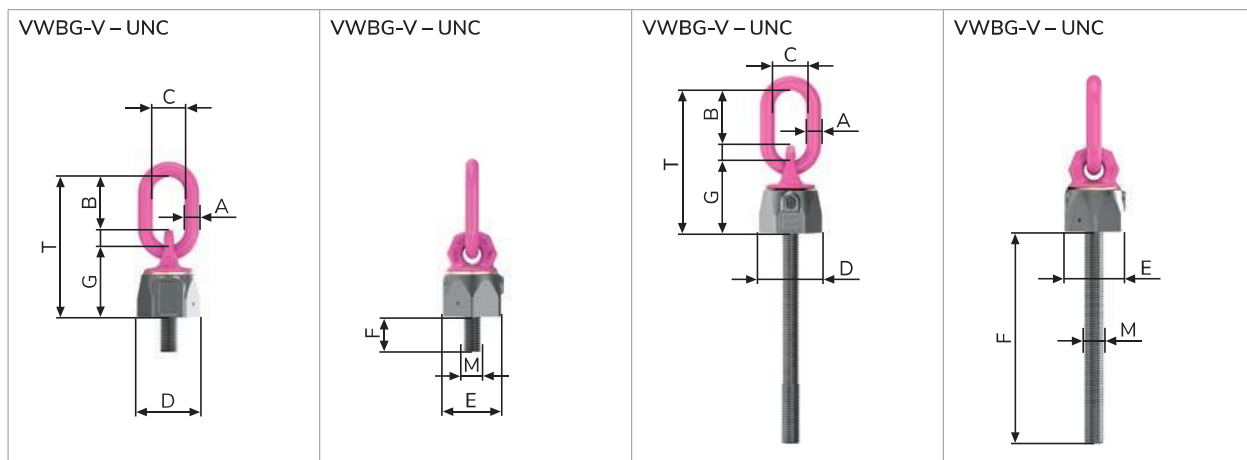
Subject to technical changes!

VWBG-V LOAD RING – UNC INCH THREAD IN VARIABLE LENGTH.

| Type                   | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | Weight<br>(kg/unit) | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M           | Tightening<br>torque [Nm] | Ref. No. |
|------------------------|--------------|--------------|--------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|-------------|---------------------------|----------|
| VWBG-V 0.45-3/8"-16UNC | 0.45         | 0.6          | 0.9          | <sup>1</sup>        | 78        | 8         | 31        | 29        | 33.5      | 30        | 31-124          | 38        | 3/8"-16UNC  | 10                        | 8600331  |
| VWBG-V 0.6-1/2"-13UNC  | 0.6          | 0.75         | 1.2          | <sup>1</sup>        | 107       | 10        | 49        | 35        | 42        | 36        | 40-149          | 47        | 1/2"-13UNC  | 10                        | 8600332  |
| VWBG-V 1.3-5/8"-11UNC  | 1.3          | 1.5          | 2.6          | <sup>1</sup>        | 114       | 13        | 46        | 38        | 48        | 41        | 51-180          | 56        | 5/8"-11UNC  | 30                        | 8600333  |
| VWBG-V 2-3/4"-10UNC    | 2            | 2.5          | 4            | <sup>1</sup>        | 137       | 13        | 54        | 35        | 62        | 55        | 56-222          | 67        | 3/4"-10UNC  | 70                        | 8600334  |
| VWBG-V 3.5-1"-8UNC     | 3.5          | 4            | 7            | <sup>1</sup>        | 173       | 18        | 66        | 40        | 81        | 70        | 64-246          | 88        | 1"-8UNC     | 150                       | 8600335  |
| VWBG-V 5-1 1/4"-7UNC   | 5            | 6            | 10           | <sup>1</sup>        | 221       | 22        | 90        | 50        | 99        | 85        | 77-331          | 106       | 1 1/4"-7UNC | 225                       | 8600336  |

<sup>1</sup> Weight depends on the design.

Subject to technical changes!



# VWBG

UNC inch thread /  
BSW-Whitworth inch thread.

VWBG LOAD RING – UNC INCH THREAD IN VARIABLE LENGTH.

| Type                                 | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M             | Tightening<br>torque [Nm] | Ref. No. |
|--------------------------------------|--------------|--------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|---------------|---------------------------|----------|
| VWBG 8(10) t – 1 1/2"-6UNC (F=57)    | 8            | 10           | 15           | 208       | 22        | 86        | 50        | 90        | 80        | 36-300          | 94        | 1 1/2"-6UNC   | 410                       | 8600451  |
| VWBG 12(13) t – 1 3/4"-5UNC (F=66)   | 12           | 13           | 17           | 234       | 26        | 111       | 65        | 98        | 85        | 42-300          | 95        | 1 3/4"-5UNC   | 550                       | 8600452  |
| VWBG 13(16) t – 2"-4.5UNC (F=76)     | 13           | 16           | 18           | 234       | 26        | 111       | 65        | 98        | 85        | 48-300          | 95        | 2"-4.5UNC     | 550                       | 8600453  |
| VWBG 16(22) t – 2 1/4"-4.5UNC (F=85) | 16           | 22           | 28           | 271       | 32        | 119       | 70        | 120       | 95        | 56-300          | 120       | 2 1/4"-4.5UNC | 800                       | 8600454  |
| VWBG 16(22) t – 2 1/2"-4UNC (F=95)   | 16           | 22           | 28           | 271       | 32        | 119       | 70        | 120       | 95        | 56-300          | 120       | 2 1/2"-4UNC   | 800                       | 8600454  |
| VWBG 16(25) t – 2 3/4"-4UNC (F=104)  | 16           | 25           | 28           | 271       | 32        | 119       | 70        | 120       | 95        | 64-300          | 120       | 2 3/4"-4UNC   | 800                       | 8600455  |
| VWBG 31.5(40) t – 3"-4UNC (F=114)    | 31.5         | 40           | 50           | 338       | 46        | 130       | 90        | 170       | 145       | 72-300          | 159       | 3"-4UNC       | 1.200                     | 8600456  |
| VWBG 35(48) t – 3 1/2"-4UNC (F=133)  | 35           | 48           | 50           | 338       | 46        | 130       | 90        | 170       | 145       | 80-300          | 159       | 3 1/2"-4UNC   | 1.500                     | 8600457  |
| VWBG 40(50) t – 4"-4UNC (F=150)      | 40           | 50           | 50           | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | 4"-4UNC       | 2.000                     | 8600458  |
| VWBG 40(50) t – 4 1/2"-4UNC (F=170)  | 40           | 50           | 50           | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | 4 1/2"-4UNC   | 2.000                     | 8600458  |
| VWBG 40(50) t – 5"-4UNC (F=190)      | 40           | 50           | 50           | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | 5"-4UNC       | 2.000                     | 8600458  |

Weight depends on the design.

Subject to technical changes!

VWBG LOAD RING – BSW-WHITWORTH INCH THREAD IN VARIABLE LENGTH.

| Type                               | WLL-X<br>[t] | WLL-Y<br>[t] | WLL-Z<br>[t] | T<br>[mm] | A<br>[mm] | B<br>[mm] | C<br>[mm] | D<br>[mm] | E<br>[mm] | F vario<br>[mm] | G<br>[mm] | M          | Tightening<br>torque [Nm] | Ref. No. |
|------------------------------------|--------------|--------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------|------------|---------------------------|----------|
| VWBG 8(10) t – 1 1/2"-BSW (F=57)   | 8            | 10           | 15           | 208       | 22        | 86        | 50        | 90        | 80        | 36-300          | 94        | 1 1/2"-BSW | 410                       | 8600451  |
| VWBG 12(13) t – 1 3/4"-BSW (F=66)  | 12           | 13           | 17           | 234       | 26        | 111       | 65        | 98        | 85        | 42-300          | 95        | 1 3/4"-BSW | 550                       | 8600452  |
| VWBG 13(16) t – 2"-BSW (F=76)      | 13           | 16           | 18           | 234       | 26        | 111       | 65        | 98        | 85        | 48-300          | 95        | 2"-BSW     | 550                       | 8600453  |
| VWBG 16(22) t – 2 1/4"-BSW (F=85)  | 16           | 22           | 28           | 271       | 32        | 119       | 70        | 120       | 95        | 56-300          | 120       | 2 1/4"-BSW | 800                       | 8600454  |
| VWBG 16(22) t – 2 1/2"-BSW (F=95)  | 16           | 22           | 28           | 271       | 32        | 119       | 70        | 120       | 95        | 56-300          | 120       | 2 1/2"-BSW | 800                       | 8600454  |
| VWBG 16(25) t – 2 3/4"-BSW (F=104) | 16           | 25           | 28           | 271       | 32        | 119       | 70        | 120       | 95        | 64-300          | 120       | 2 3/4"-BSW | 800                       | 8600455  |
| VWBG 31.5(40) t – 3"-BSW (F=114)   | 31.5         | 40           | 50           | 338       | 46        | 130       | 90        | 170       | 145       | 72-300          | 159       | 3"-BSW     | 1.200                     | 8600456  |
| VWBG 35(48) t – 3 1/2"-BSW (F=133) | 35           | 48           | 50           | 338       | 46        | 130       | 90        | 170       | 145       | 80-300          | 159       | 3 1/2"-BSW | 1.500                     | 8600457  |
| VWBG 40(50) t – 4"-BSW (F=150)     | 40           | 50           | 50           | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | 4"-BSW     | 2.000                     | 8600458  |
| VWBG 40(50) t – 4 1/2"-BSW (F=170) | 40           | 50           | 50           | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | 4 1/2"-BSW | 2.000                     | 8600458  |
| VWBG 40(50) t – 5"-BSW (F=190)     | 40           | 50           | 50           | 378       | 46        | 168       | 110       | 170       | 145       | 90-300          | 159       | 5"-BSW     | 2.000                     | 8600458  |

Weight depends on the design.

Subject to technical changes!

