



## Lifting Eye VLBG-Z RUD, UNC with variable length

### Product information

- Captive but exchangeable RUD-Bolt
- Bracket adjustable in force direction
- Comprehensive range of threads

**Temperature range:** -40°C up to +100°C

**Safety factor:** 4:1

| Part Code    | WLL ton | Thread Inch | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm   | I mm | K mm | L mm    | N mm | T mm |
|--------------|---------|-------------|------|------|------|------|------|------|------|--------|------|------|---------|------|------|
| 421100061180 | 0.63    | 3/8 -16     | 30   | 54   | 34   | 24   | 39   | 10   | 29   | 10-98  | 75   | 45   | 39-127  | 32   | 75   |
| 421100101180 | 1       | 1/2 -13     | 32   | 54   | 34   | 26   | 38   | 10   | 29   | 13-123 | 75   | 45   | 42-152  | 32   | 75   |
| 421100151180 | 1.5     | 5/8 -11     | 33   | 56   | 36   | 30   | 39   | 13.5 | 36   | 16-148 | 86   | 47   | 52-184  | 38   | 85   |
| 421100251180 | 2.5     | 3/4 -10     | 50   | 82   | 54   | 45   | 55   | 16.5 | 43   | 19-185 | 113  | 64   | 62-228  | 48   | 110  |
| 421100251185 | 2.5     | 7/8 -9      | 50   | 82   | 54   | 45   | 55   | 16.5 | 43   | 22-211 | 113  | 64   | 65-254  | 48   | 110  |
| 421100401180 | 4       | 1 -8        | 50   | 82   | 54   | 45   | 67   | 18   | 43   | 25-211 | 130  | 78   | 68-254  | 48   | 125  |
| 421100501180 | 5       | 1 1/4 -7    | 60   | 103  | 65   | 60   | 64   | 22.5 | 61   | 32-278 | 151  | 80   | 93-339  | 67   | 147  |
| 421100801180 | 8       | 1 1/2 -6    | 77   | 122  | 82   | 70   | 97   | 26.5 | 77   | 38-270 | 205  | 110  | 115-347 | 87   | 197  |
| 421102001180 | 20      | 2 -4.5      | 95   | 156  | 100  | 95   | 105  | 36   | 87   | 51-302 | 230  | 130  | 138-389 | 100  | 222  |

## Technical data

| Method of lift                          |                    |   |      |       |      |       |         |          |       |         |          |
|---|--------------------|---|------|-------|------|-------|---------|----------|-------|---------|----------|
| Number of legs                          |                    | 1   | 1    | 2     | 2    | 2     | 2       | 3 / 4    | 3 / 4 | 3 / 4   |          |
| Angle of inclination <math>\beta</math> |                    | 0°-7°   | 90°  | 0°-7° | 90°  | 0-45° | >45-60° | Un-symm. | 0-45° | >45-60° | Un-symm. |
| factor                                  |                    | 1   | 1    | 2     | 2    | 1.4   | 1       | 1        | 2.1   | 1.5     | 1        |
| Type                                    | Thread             | WLL in tonnes, bolted and adjusted to the direction of pull |      |       |      |       |         |          |       |         |          |
| VLBG 0.3 t                              | M 8                | 0.3   | 0.3  | 0.6   | 0.6  | 0.42  | 0.3     | 0.3      | 0.63  | 0.45    | 0.3      |
| VLBG 0.63 t                             | M 10 / 3/8"        | 0.63  | 0.63 | 1.26  | 1.26 | 0.88  | 0.63    | 0.63     | 1.32  | 0.95    | 0.63     |
| VLBG 1 t                                | M 12 / 1/2"        | 1   | 1    | 2     | 2    | 1.4   | 1       | 1        | 2.1   | 1.5     | 1        |
| VLBG 1.2 t                              | M 14               | 1.2   | 1.2  | 2.4   | 2.4  | 1.68  | 1.2     | 1.2      | 2.52  | 1.8     | 1.2      |
| VLBG 1.5 t                              | M 16 / 5/8"        | 1.5   | 1.5  | 3     | 3    | 2.1   | 1.5     | 1.5      | 3.15  | 2.25    | 1.5      |
| VLBG 2 t                                | M 18               | 2   | 2    | 4     | 4    | 2.8   | 2       | 2        | 4.2   | 3       | 2        |
| VLBG 2.5 t                              | M 20 / 3/4" / 7/8" | 2.5   | 2.5  | 5     | 5    | 3.5   | 2.5     | 2.5      | 5.25  | 3.75    | 2.5      |
| VLBG 2.5 t                              | M22                | 2.5   | 2.5  | 5     | 5    | 3.5   | 2.5     | 2.5      | 5.25  | 3.75    | 2.5      |
| VLBG 4 t                                | M 24 / M27 / 1"    | 4   | 4    | 8     | 8    | 5.6   | 4       | 4        | 8.4   | 6       | 4        |
| VLBG 5 t                                | M 30 / 1 1/4"      | 5   | 5    | 10    | 10   | 7     | 5       | 5        | 10.5  | 7.5     | 5        |
| VLBG 7 t                                | M 36               | 7   | 7    | 14    | 14   | 9.8   | 7       | 7        | 14.7  | 10.5    | 7        |
| VLBG 8 t                                | M 36 / 1 1/2"      | 8   | 8    | 16    | 16   | 11.2  | 8       | 8        | 16.8  | 12      | 8        |
| VLBG 10 t                               | M 42               | 10  | 10   | 20    | 20   | 14    | 10      | 10       | 21.2  | 15      | 10       |
| VLBG 15 t                               | M 42               | 15  | 15   | 30    | 30   | 21    | 15      | 15       | 31.5  | 22.5    | 15       |
| VLBG 20 t                               | M 48 / 2"          | 20  | 20   | 40    | 40   | 28    | 20      | 20       | 42    | 30      | 20       |

# Blueprint

