



## Rotating Lifting Point RLP



| Stock No.<br>Standard Bolt Length | L (in) | Stock No.<br>Long Bolt Length** | L2 (in) | Code           | Dimensions (in) |      |      |      |      |      |      |       | Weight (lb)*** |
|-----------------------------------|--------|---------------------------------|---------|----------------|-----------------|------|------|------|------|------|------|-------|----------------|
|                                   |        |                                 |         |                | B               | C    | D    | L1   | M    | X    | Y    | Z     |                |
| Z101708                           | 0.62   | Z1017080L                       | 3.97    | RLP-M8 x 1.25  | 1.65            | 1.37 | 0.47 | 2.44 | 0.31 | 1.06 | 2.51 | Ø1.57 | 0.66           |
| Z101710                           | 0.62   | Z1017100L                       | 3.97    | RLP-M10 x 1.5  | 1.65            | 1.37 | 0.47 | 2.44 | 0.39 | 1.06 | 2.51 | Ø1.57 | 0.66           |
| Z101712                           | 0.98   | Z1017120L                       | 4.72    | RLP-M12 x 1.75 | 2.24            | 1.81 | 0.75 | 3.46 | 0.47 | 1.65 | 3.58 | Ø2.12 | 2.20           |
| Z101716                           | 0.98   | Z1017160L                       | 6.29    | RLP-M16 x 2    | 2.24            | 1.81 | 0.75 | 3.46 | 0.62 | 1.65 | 3.58 | Ø2.12 | 2.20           |
| Z101720                           | 1.41   | Z1017200L                       | 7.87    | RLP-M20 x 2.5  | 3.27            | 2.16 | 1.1  | 4.33 | 0.78 | 2.16 | 5.23 | Ø3.14 | 6.39           |
| Z101724                           | 1.41   | Z1017240L                       | 9.44    | RLP-M24 x 3    | 3.27            | 2.16 | 1.1  | 4.33 | 0.94 | 2.16 | 5.23 | Ø3.14 | 6.39           |
| Z101730                           | 2.28   | Z1017300L                       | 11.8    | RLP-M30 x 3.5  | 4.49            | 2.75 | 1.34 | 5.82 | 1.18 | 3.07 | 7.16 | Ø4.37 | 15.6           |
| Z101736                           | 2.28   | Z1017360L                       | 11.8    | RLP-M36 x 4    | 4.49            | 2.75 | 1.34 | 5.82 | 1.41 | 3.07 | 7.16 | Ø4.37 | 16.0           |
| Z101742                           | 3.18   | Z1017420L                       | 11.8    | RLP-M42 x 4.5  | 5.87            | 3.58 | 1.57 | 7.48 | 1.65 | 3.89 | 9.01 | Ø5.59 | 31.5           |
| Z101748                           | 3.18   | Z1017480L                       | 11.8    | RLP-M48 x 5    | 5.87            | 3.58 | 1.57 | 7.48 | 1.88 | 3.89 | 9.01 | Ø5.59 | 31.9           |

\*\* Long Bolt supplied with nut and washer. \*\*\* Weight is calculated with standard bolt length.  
Bolt, nut and washer according to: ISO 898-1 Class 10.9

## RLP with UNC thread



| Stock No.<br>Standard Bolt Length | L (in) | Stock No.<br>Long Bolt Length** | L2 (in) | Code             | Dimensions (in) |      |      |      |      |      |       |        | Weight (lb)*** |
|-----------------------------------|--------|---------------------------------|---------|------------------|-----------------|------|------|------|------|------|-------|--------|----------------|
|                                   |        |                                 |         |                  | B               | C    | D    | L1   | X    | Y    | Z     | M      |                |
| Z101808                           | 0.62   | Z1018080L                       | 3.97    | RLP-5/16"-18 UNC | 1.65            | 1.37 | 0.47 | 2.44 | 1.06 | 2.51 | Ø1.57 | 5/16"  | 0.66           |
| Z101810                           | 0.62   | Z1018100L                       | 3.97    | RLP-3/8"-16 UNC  | 1.65            | 1.37 | 0.47 | 2.44 | 1.06 | 2.51 | Ø1.57 | 3/8"   | 0.66           |
| Z101812                           | 0.98   | Z1018120L                       | 4.72    | RLP-1/2"-13 UNC  | 2.24            | 1.81 | 0.75 | 3.46 | 1.65 | 3.58 | Ø2.12 | 1/2"   | 2.20           |
| Z101816                           | 0.98   | Z1018160L                       | 6.29    | RLP-5/8"-11 UNC  | 2.24            | 1.81 | 0.75 | 3.46 | 1.65 | 3.58 | Ø2.12 | 5/8"   | 2.20           |
| Z101820                           | 1.41   | Z1018200L                       | 7.87    | RLP-3/4"-10 UNC  | 3.27            | 2.16 | 1.1  | 4.33 | 2.16 | 5.23 | Ø3.14 | 3/4"   | 6.39           |
| Z101821                           | 1.41   | Z1018210L                       | 7.87    | RLP-7/8"-9 UNC   | 3.27            | 2.16 | 1.1  | 4.33 | 2.16 | 5.23 | Ø3.14 | 7/8"   | 6.39           |
| Z101824                           | 1.41   | Z1018240L                       | 9.44    | RLP 1"-8 UNC     | 3.27            | 2.16 | 1.1  | 4.33 | 2.16 | 5.23 | Ø3.14 | 1"     | 6.39           |
| Z101830                           | 2.28   | Z1018300L                       | 11.8    | RLP 1 1/4"-7 UNC | 4.49            | 2.75 | 1.34 | 5.82 | 3.07 | 7.16 | Ø4.37 | 1 1/4" | 15.6           |
| Z101836                           | 2.28   | Z1018360L                       | 11.8    | RLP 1 1/2"-6 UNC | 4.49            | 2.75 | 1.34 | 5.82 | 3.07 | 7.16 | Ø4.37 | 1 1/2" | 16.0           |
| Z101842                           | 3.18   | Z1018420L                       | 11.8    | RLP 1 3/4"-5 UNC | 5.87            | 3.58 | 1.57 | 7.48 | 3.89 | 9.01 | Ø5.59 | 1 3/4" | 31.7           |
| Z101848                           | 3.18   | Z1018480L                       | 11.8    | RLP 2"-4.5 UNC   | 5.87            | 3.58 | 1.57 | 7.48 | 3.89 | 9.01 | Ø5.59 | 2"     | 32.4           |

\*\* Long Bolt supplied with nut and washer. \*\*\* Weight is calculated with standard bolt length.  
Bolt, nut and washer according to: ISO 898-1 Class 10.9

## Working Load Limits - RLP 4:1 Design Factor.

| Symmetric Load (lb) |             |       |       |       |       |             |                 |                 | Tightening Torque | Spanner Size |
|---------------------|-------------|-------|-------|-------|-------|-------------|-----------------|-----------------|-------------------|--------------|
|                     | No. of Legs | 1     | 1     | 2     | 2     | 2 Symmetric | 3 & 4 Symmetric | 3 & 4 Symmetric |                   |              |
| Angle $\beta$       |             | 0°    | 90°   | 0°    | 90°   | 45°         | 30°             | 45°             | 30°               |              |
| RLP - M8 x 1.25     | 1763        | 882   | 3526  | 1763  | 1102  | 882         | 1763            | 1322            | 10 Nm             | 13 mm        |
| RLP 5/16"-18 UNC    | 1763        | 882   | 3526  | 1763  | 1102  | 882         | 1763            | 1322            | 7 Ft.lb           | 1/2"         |
| RLP - M10 x 1.5     | 2645        | 1543  | 5290  | 3086  | 1984  | 1543        | 3086            | 2204            | 15 Nm             | 13 mm        |
| RLP 3/8"-16 UNC     | 2645        | 1433  | 5290  | 2865  | 1984  | 1322        | 2865            | 1984            | 11 Ft.lb          | 1/2"         |
| RLP - M12 x 1.75    | 4408        | 2645  | 8816  | 5290  | 3526  | 2645        | 5510            | 3967            | 27 Nm             | 24 mm        |
| RLP 1/2"-13 UNC     | 4408        | 2645  | 8816  | 5290  | 3526  | 2645        | 5510            | 3967            | 20 Ft.lb          | 15/16"       |
| RLP - M16 x 2       | 7053        | 4408  | 14106 | 8816  | 6171  | 4408        | 9257            | 6612            | 60 Nm             | 24 mm        |
| RLP 5/8"-11 UNC     | 7053        | 4408  | 14106 | 8816  | 6171  | 4408        | 9257            | 6612            | 44 Ft.lb          | 15/16"       |
| RLP - M20 x 2.5     | 12342       | 6171  | 24685 | 12342 | 8596  | 6171        | 12783           | 9257            | 90 Nm             | 32 mm        |
| RLP 3/4"-10 UNC     | 11020       | 5510  | 22040 | 11020 | 7714  | 5510        | 11461           | 8155            | 66 Ft.lb          | 1 5/16"      |
| RLP 7/8"-9 UNC      | 12342       | 6171  | 24685 | 12342 | 8596  | 6171        | 12783           | 9257            | 66 Ft.lb          | 1 5/16"      |
| RLP - M24 x 3       | 17632       | 10138 | 35264 | 20277 | 14106 | 10138       | 21158           | 15208           | 135 Nm            | 32 mm        |
| RLP 1"-8 UNC        | 17632       | 10138 | 35264 | 20277 | 14106 | 10138       | 21158           | 15208           | 100 Ft.lb         | 1 5/16"      |
| RLP - M30 x 3.5     | 26448       | 13224 | 52896 | 26448 | 18514 | 13224       | 27770           | 19836           | 270 Nm            | 55 mm        |
| RLP 1 1/4"-7 UNC    | 26448       | 13224 | 52896 | 26448 | 18514 | 13224       | 27770           | 19836           | 200 Ft.lb         | 2 1/4"       |
| RLP - M36 x 4       | 30856       | 17632 | 61712 | 35264 | 24685 | 17632       | 37027           | 26448           | 320 Nm            | 55 mm        |
| RLP 1 1/2"-6 UNC    | 30856       | 17632 | 61712 | 35264 | 24685 | 17632       | 37027           | 26448           | 236 Ft.lb         | 2 1/4"       |
| RLP - M42 x 4.5     | 35264       | 30856 | 70528 | 61712 | 43198 | 30856       | 64798           | 46284           | 600 Nm            | 75 mm        |
| RLP 1 3/4"-5 UNC    | 35264       | 30856 | 70528 | 61712 | 43198 | 30856       | 64798           | 46284           | 440 Ft.lb         | 3"           |
| RLP - M48 x 5       | 44080       | 35264 | 88160 | 70528 | 49370 | 35264       | 74054           | 52896           | 800 Nm            | 75 mm        |
| RLP 2"-4.5 UNC      | 44080       | 35264 | 88160 | 70528 | 49370 | 35264       | 74054           | 52896           | 590 Ft.lb         | 3"           |



Disassembly of the RLP is made easy by just folding the D-ring forward and push down.