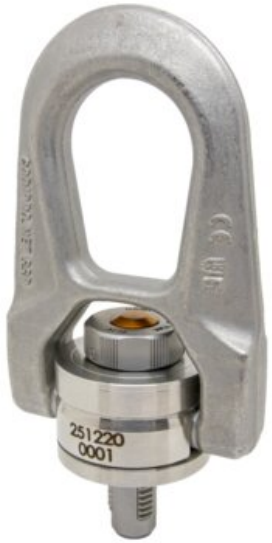


# Quick Lift Double Swivel Ring SS QL DSR

## Product information

SS

The QLR is a double swivel ring that allows particularly fast anchoring. At the push of a button, it can be fixed in the threaded hole in a matter of seconds. Its double swivel ensures a perfect alignment with the sling.

The QL.DSR saves up to 80 % of time compared to screwing in a conventional lifting ring. The system works purely mechanically and thus requires no complex maintenance.

The swivel lifting ring QL.DSR is made of gradup steel, which stands for a better quality of the used raw materials. It has higher lifting capacities than fixed rings and has a safety factor of 5, which means that its breaking load is five times greater than the capacity indicated in the technical data sheet.

Compliant to directive machine 2006/42/CE

**Material:** AISI 316L
**Marking:** According to standard, CE-marked, WLL , safety factor, individual traceability number (linked to Coditracer)
**Temperature range:** -20°C up to +200°C
**Standard:** EN 1677-1
*except grade*
**Warning:** WLL 3.5t (M30) SF 4:1

**Safety factor:** 5:1

| Part code | WLL ton | Thread mm | Pitch mm | Torque Nm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | L1 mm | S2 mm | M mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4215SSQLDSRM8 | 0.25 | M 8 | 1.25 | 20 | 31 | 30 | 30 | 38 | 27 | 14 | 53 | 9.5 | 17.5 | 18 | M 8 | 0.3 |
| 4215SSQLDSRM10 | 0.4 | M 10 | 1.5 | 30 | 31 | 30 | 30 | 38 | 27 | 14 | 53 | 9.5 | 19.5 | 18 | M 10 | 0.3 |
| 4215SSQLDSRM12 | 0.65 | M 12 | 1.75 | 60 | 40 | 40 | 45 | 53 | 38 | 17 | 76 | 13 | 23 | 27 | M 12 | 0.9 |
| 4215SSQLDSRM14 | 0.7 | M 14 | 2 | 80 | 40 | 40 | 45 | 53 | 38 | 17 | 76 | 13 | 23 | 27 | M 14 | 0.9 |
| 4215SSQLDSRM16 | 1.05 | M 16 | 2 | 100 | 40 | 40 | 45 | 53 | 38 | 17 | 76 | 13 | 27 | 27 | M 16 | 0.9 |
| 4215SSQLDSRM20 | 1.7 | M 20 | 2.5 | 160 | 55 | 55 | 60 | 83 | 55 | 25 | 115 | 19 | 30 | 40 | M 20 | 2.6 |
| 4215SSQLDSRM24 | 2.5 | M 24 | 3 | 180 | 55 | 55 | 60 | 83 | 55 | 25 | 115 | 19 | 36 | 40 | M 24 | 2.6 |

## Technical data

5:1

max. load in t

4:1

| METRIC THREADS | Torque (Nm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of rings | | 1 | 2 | 1 | 2 | 2 | | | 3 → 4 | | | |
| Lifting angle β | | 0° | 0° | 0° | 0° | 0° → 45° | 45° → 60° | Asymmetric | 0° → 45° | 45° → 60° | Asymmetric | |
| Loading angle α | | 0° | 0° | 90° | 90° | 0° → 45° | 45° → 60° | | 0° → 45° | 45° → 60° | | |
| QL.DSR / SS.QL.DSR M 8 | 20 | 0,25 | 0,50 | 0,25 | 0,50 | 0,35 | 0,25 | 0,25 | 0,53 | 0,38 | 0,25 | |
| QL.DSR / SS.QL.DSR M 10 | 30 | 0,40 | 0,80 | 0,40 | 0,80 | 0,56 | 0,40 | 0,40 | 0,84 | 0,60 | 0,40 | |
| QL.DSR / SS.QL.DSR M 12 | 60 | 0,65 | 1,30 | 0,65 | 1,30 | 0,91 | 0,65 | 0,65 | 1,37 | 0,98 | 0,65 | |
| QL.DSR / SS.QL.DSR M 14 | 80 | 0,70 | 1,40 | 0,70 | 1,40 | 0,98 | 0,70 | 0,70 | 1,47 | 1,05 | 0,70 | |
| QL.DSR / SS.QL.DSR M 16 | 100 | 1,05 | 2,10 | 1,05 | 2,10 | 1,47 | 1,05 | 1,05 | 2,21 | 1,58 | 1,05 | |
| QL.DSR / SS.QL.DSR M 20 | 160 | 1,70 | 3,40 | 1,70 | 3,40 | 2,38 | 1,70 | 1,70 | 3,57 | 2,55 | 1,70 | |
| QL.DSR / SS.QL.DSR M 24 | 180 | 2,50 | 5,00 | 2,50 | 5,00 | 3,50 | 2,50 | 2,50 | 5,25 | 3,75 | 2,50 | |
| QL.DSR M 30 | 200 | 3,50 | 7,00 | 3,50 | 7,00 | 4,90 | 3,50 | 3,50 | 7,35 | 5,25 | 3,50 | |
| SS.QL.DSR M 30 | 200 | 3,50 | 7,00 | 3,50 | 7,00 | 4,90 | 3,50 | 3,50 | 7,35 | 5,25 | 3,50 | |

## Blueprint