# Double Swivel Shackle Codipro DSS UP

## Product information

The universal swivel shackle DSS is a double swivel ring. It is specially designed for simultaneously lifting androtating heavy loads. Its double swivel action ensures perfect alignment with the sling.

**Features:**

- Swiveling under load
- Usable for any kind of lifting operation
- The tightening torque is stamped on all lifting rings in the GRADUP range.

**Material:** High tensile steel
**Marking:** According to standard, CE-marked
**Temperature range:** -20°C up to +200°C
**Standard:** EN 1677-1
*except grade/WLL*
**Note:** On request the product can be certified for lashing.

**Safety factor:** 5:1

| Part Code | WLL ton | Thread | Torque Nm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | L1 mm | S mm | Weight kg | Delivery time |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 166358 | 4.5 | M 24 (x3) | 160 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 36 | 19 | 5.4 | 10 |
| 165851 | 7.7 | M 30 (x3.5) | 250 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 45 | 19 | 5.5 | 10 |
| 165436 | 8.5 | M 33 (x3.5) | 250 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 50 | 19 | 5.5 | 10 |
| 165437 | 11 | M 36 (x4) | 320 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 54 | 19 | 5.5 | 10 |
| 166021 | 11 | M 36 (x3) | 320 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 54 | 19 | 5.5 | 10 |
| 170030 | 12 | M 39 (x4) | 320 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 58 | 19 | 5.7 | 10 |

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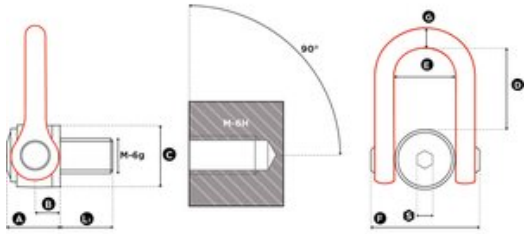
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 165620 | 13 | M 42 (x4,5) | 400 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 63 | 19 | 5.8 | 10 |
| 166861 | 13 | M 42 (x3) | 400 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 63 | 19 | 5.8 | 10 |
| 172110 | 14.5 | M 45 (x4,5) | 400 | 61 | 31 | 70 | 98 | 73 | 149 | 33 | 63 | 19 | 5.9 | 10 |
| 166051 | 17 | M 48 (x5) | 600 | 79 | 38 | 90 | 123 | 91 | 182 | 45 | 68 | 19 | 11 | 10 |
| 11.42DSS M 48X3 UP | 17 | M 48 (x3) | 600 | 79 | 38 | 90 | 123 | 91 | 182 | 45 | 68 | 19 | 11 | 10 |
| 143951 | 17 | M 48 (x4) | 600 | 79 | 38 | 90 | 123 | 91 | 182 | 45 | 68 | 19 | 11 | 10 |
| 170378 | 19 | M 52 (x5) | 600 | 79 | 38 | 90 | 123 | 91 | 182 | 45 | 68 | 19 | 12.2 | 10 |
| 166952 | 22 | M 56 (x5,5) | 600 | 79 | 38 | 90 | 123 | 91 | 182 | 45 | 78 | 19 | 11.3 | 10 |
| 169680 | 22 | M 56 (x4) | 600 | 79 | 38 | 90 | 123 | 91 | 182 | 45 | 78 | 19 | 11.4 | 10 |
| 11.42DSS M 72 UP | 22 | M 72 (x6) | 600 | 79 | 38 | 95 | 123 | 91 | 182 | 45 | 90 | 19 | 14 | 10 |
| 168735 | 22 | M 72 (x4) | 600 | 79 | 38 | 95 | 123 | 91 | 182 | 45 | 90 | 19 | 14 | 10 |
| 166689 | 25 | M 64 (x6) | 600 | 79 | 38 | 95 | 123 | 91 | 182 | 45 | 90 | 19 | 12.2 | 10 |
| 11.42DSS M 64X4 UP | 25 | M 64 (x4) | 600 | 79 | 38 | 95 | 123 | 91 | 182 | 45 | 90 | 19 | 12.2 | 10 |
| 166498 | 25 | M 80 (x6) | 600 | 79 | 38 | 100 | 123 | 91 | 182 | 45 | 90 | 19 | 15 | 10 |
| 11.42DSS M 90 UP | 25 | M 90 (x6) | 600 | 79 | 38 | 100 | 123 | 91 | 182 | 45 | 90 | 19 | 15.5 | 10 |
| 11.42DSS M 100 UP | 25 | M 100 (x6) | 600 | 79 | 38 | 110 | 123 | 91 | 182 | 45 | 90 | 19 | 16.5 | 10 |

## Blueprint