



## Double Swivel Ring Codipro DSR UP UNC

### Product information

The DSR lifting ring is a double swivel ring. It is composed of a GRADUP lifting ring designed for rotations under load. Its double swivel ensures perfect alignment with the sling. The lifting ring can swivel 180° but has a rotating range of 360°. It can be used for any lifting configuration (straight lift, with angle, tilting, rotating).

The DSR lifting ring is equipped with a protective crossbar and is approved for all lifting configurations from 0° to 90°.

It is manufactured in compliance with the REACH regulation and is also available as female and stainless-steel, quick lift and welding version.

Complies with the Machinery Directive 2006/42/CE

**Marking:** According to standard, CE-marked

**Temperature range:** -20°C up to +200°C

**Standard:** EN 1677-1

*except grade/WLL*

**Safety factor:** 5:1

| Part code    | WLL ton | Thread Inch | A, | B, | C, | D, | E, | F, | G,  | H,  | L1 mm | S1 mm | S2 mm | Weight kg | Delivery time days |
|--------------|---------|-------------|----|----|----|----|----|----|-----|-----|-------|-------|-------|-----------|--------------------|
| NS8KL1/4DSR  | 0.14    | 1/4 -20     | 32 | 30 | 30 | 38 | 27 | 14 | 53  | 9.5 | 13    | 8     | 16    | 0.3       | 10                 |
| NS8R5/16DSR  | 0.45    | 5/16 -18    | 33 | 30 | 30 | 38 | 27 | 14 | 53  | 9.5 | 15    | 8     | 16    | 0.3       | 10                 |
| NS8KL3/8DSR  | 0.58    | 3/8 -16     | 33 | 30 | 30 | 38 | 27 | 14 | 53  | 9.5 | 17    | 8     | 16    | 0.3       | 10                 |
| NS8KL1/2DSR  | 1.08    | 1/2 -13     | 33 | 30 | 30 | 38 | 27 | 14 | 53  | 9.5 | 21    | 8     | 16    | 0.3       | 10                 |
| NS8KL5/8DSR  | 1.76    | 5/8 -11     | 45 | 40 | 45 | 53 | 38 | 17 | 76  | 13  | 27    | 8     | 20    | 0.9       | 10                 |
| NS8KL3/4DSR  | 2.38    | 3/4 -10     | 45 | 40 | 45 | 53 | 38 | 17 | 76  | 13  | 30    | 8     | 20    | 0.9       | 10                 |
| NS8KL7/8DSR  | 3.58    | 7/8 -9      | 62 | 55 | 60 | 83 | 55 | 25 | 115 | 19  | 33    | 14    | 24    | 2.5       | 10                 |
| NS8KL1DSR    | 5.08    | 1 -8        | 62 | 55 | 60 | 83 | 55 | 25 | 115 | 19  | 36    | 14    | 24    | 2.6       | 10                 |
| NS8KL11/8DSR | 5.21    | 1 1/8 -7    | 62 | 55 | 60 | 83 | 55 | 25 | 115 | 19  | 42    | 14    | 24    | 2.6       | 10                 |
| NS8KL11/4DSR | 6.12    | 1 1/4 -7    | 62 | 55 | 60 | 83 | 55 | 25 | 115 | 19  | 45    | 14    | 24    | 2.7       | 10                 |

## Technical data / Spare Parts

5:1

| max. load in lbs | UNC THREADS                    | Torque (ft-lb) |        |        |        |        |          |           |            |          |           |            |
|------------------|--------------------------------|----------------|--------|--------|--------|--------|----------|-----------|------------|----------|-----------|------------|
|                  | 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° |            |
|                  | DSR / FE.DSR U 025 UP          | 3              | 650    | 1,300  | 330    | 660    | 462      | 330       | 330        | 693      | 495       | 330        |
|                  | DSR / FE.DSR U 516 UP          | 5              | 1,800  | 3,600  | 1,000  | 2,000  | 1,400    | 1,000     | 1,000      | 2,100    | 1,500     | 1,000      |
|                  | DSR / FE.DSR / OS.DSR U 038 UP | 8              | 2,500  | 5,000  | 1,300  | 2,600  | 1,820    | 1,300     | 1,300      | 2,730    | 1,950     | 1,300      |
|                  | DSR / FE.DSR / OS.DSR U 050 UP | 12             | 3,000  | 6,000  | 2,400  | 4,800  | 3,360    | 2,400     | 2,400      | 5,040    | 3,600     | 2,400      |
|                  | DSR / FE.DSR / OS.DSR U 058 UP | 40             | 5,900  | 11,800 | 3,900  | 7,800  | 5,460    | 3,900     | 3,900      | 8,190    | 5,850     | 3,900      |
|                  | DSR / FE.DSR / OS.DSR U 075 UP | 80             | 5,900  | 11,800 | 5,250  | 10,500 | 7,350    | 5,250     | 5,250      | 11,025   | 7,875     | 5,250      |
|                  | DSR / FE.DSR U 078 UP          | 90             | 13,500 | 27,000 | 7,900  | 15,800 | 11,060   | 7,900     | 7,900      | 16,590   | 11,850    | 7,900      |
|                  | DSR / OS.DSR U 100 UP          | 125            | 13,500 | 27,000 | 11,200 | 22,400 | 15,680   | 11,200    | 11,200     | 23,520   | 16,800    | 11,200     |
|                  | DSR U 118 UP                   | 160            | 13,500 | 27,000 | 11,500 | 23,000 | 16,100   | 11,500    | 11,500     | 24,150   | 17,250    | 11,500     |
|                  | DSR / OS.DSR U 125 UP          | 200            | 13,500 | 27,000 | 13,500 | 27,000 | 18,900   | 13,500    | 13,500     | 28,350   | 20,250    | 13,500     |

# Blueprint

