

## 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 and rotating 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

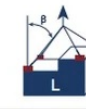
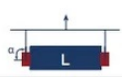
Part code	WLL ton	Thread	Torque Nm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	L1 mm	S mm	Weight kg	Delivery time days
NS8KL24DSS	4.5	M 24 (x3)	160	61	31	70	98	73	149	33	36	19	5.4	10
NS8KL30DSS	7.7	M 30 (x3.5)	250	61	31	70	98	73	149	33	45	19	5.5	1
NS8KL33DSS	8.5	M 33 (x3.5)	250	61	31	70	98	73	149	33	50	19	5.5	10
NS8KL36DSS	11	M 36 (x4)	320	61	31	70	98	73	149	33	54	19	5.5	1
NS8KL39DSS	12	M 39 (x4)	320	61	31	70	98	73	149	33	58	19	5.7	10
NS8KL42DSS	13	M 42 (x4,5)	400	61	31	70	98	73	149	33	63	19	5.8	1
NS8KL45DSS	14.5	M 45 (x4,5)	400	61	31	70	98	73	149	33	63	19	5.9	10
NS8KL48DSS	17	M 48 (x5)	600	79	38	90	123	91	182	45	68	19	11	1
NS8KL52DSS	19	M 52 (x5)	600	79	38	90	123	91	182	45	68	19	12.2	10
NS8KL56DSS	22	M 56 (x5,5)	600	79	38	90	123	91	182	45	78	19	11.3	1
NS8KL64DSS	25	M 64 (x6)	600	79	38	95	123	91	182	45	90	19	12.2	10

## Technical data / Spare Parts

5:1

METRIC THREADS

Torque (Nm)



max. load in t

Number of rings		1	2	1	2	2	2	Asymmetric	3 → 4	3 → 4	Asymmetric
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°	
DSS / FE.DSS / OS.DSS M 24 UP	160	9,00	18,00	4,50	9,00	6,30	4,50	4,50	9,45	6,75	4,50
FE.DSS M 27 UP	200	10,00	20,00	5,20	10,40	7,28	5,20	5,20	10,92	7,80	5,20
DSS / FE.DSS / OS.DSS M 30 UP	250	14,00/12,00	28,00 / 24,00	7,70 / 7,50	15,40 / 15,00	10,78 / 10,50	7,70 / 7,50	7,70 / 7,50	16,17 / 15,75	11,55 / 11,25	7,70 / 7,50
DSS / FE.DSS M 33 UP	250	14,50	29,00	8,50 / 8,00	17,00 / 16,00	11,90 / 11,20	8,50 / 8,00	8,50 / 8,00	17,85 / 16,80	12,75 / 12,00	8,50 / 8,00
DSS / FE.DSS / OS.DSS M 36 UP	320	15,00	30,00	11,00 / 10,00	22,00 / 20,00	15,40 / 14,00	11,00 / 10,00	11,00 / 10,00	23,10 / 21,00	16,50 / 15,00	11,00 / 10,00
DSS M 36x3 UP	320	15,00	30,00	11,00	22,00	15,40	11,00	11,00	23,10	16,50	11,00
DSS / FE.DSS M 39 UP	320	15,00	30,00	12,00	24,00	16,80	12,00	12,00	25,20	18,00	12,00
DSS / FE.DSS / OS.DSS M 42 UP	400	15,00	30,00	13,00	26,00	18,20	13,00	13,00	27,30	19,50	13,00
DSS M 42x3 UP	400	15,00	30,00	13,00	26,00	18,20	13,00	13,00	27,30	19,50	13,00
DSS / FE.DSS M 45 UP	400	15,00	30,00	14,50	29,00	20,30	14,50	14,50	30,45	21,75	14,50
DSS / FE.DSS M 48 UP	600	22,00	44,00	17,00	34,00	23,80	17,00	17,00	35,70	25,50	17,00
DSS M 48x3 UP	600	22,00	44,00	17,00	34,00	23,80	17,00	17,00	35,70	25,50	17,00
DSS M 48x4 UP	600	22,00	44,00	17,00	34,00	23,80	17,00	17,00	35,70	25,50	17,00
DSS / FE.DSS M 52 UP	600	23,00	46,00	19,00	38,00	26,60	19,00	19,00	39,90	28,50	19,00
DSS M 56 UP	600	25,00	50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 56x4 UP	600	25,00	50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 64 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 64x4 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 72 UP	600	25,00	50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 72x4 UP	600	25,00	50,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00
DSS M 80 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 90 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00
DSS M 100 UP	600	25,00	50,00	25,00	50,00	35,00	25,00	25,00	52,50	37,50	25,00

# Blueprint

