

## Double Swivel Shackle Codipro OS DSS UP



### Product information

The universal swivel offshore shackle OS.DSS is a double swivel ring. It is 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°. DSS offshore lifting rings have a safety factor of 4 and 5, which means that their breaking load is four or five times greater than the capacity indicated in the technical sheet.

**Material:** High tensile steel

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

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

**Finish:** Lamellar coating

**Standard:** EN 1677-1

**Safety factor:** 5:1

Part code	WLL ton	Thread mm	Torque Nm	L1 mm	S mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kg	Delivery time
4215OSDSSM24UP	4.5	M 24	160	36	19	61	31	70	98	73	149	33	5.4	2
4215OSDSSM30UP	7.7	M 30	250	45	19	61	31	70	98	73	149	33	5.5	2
4215OSDSSM36UP	11	M 36	320	54	19	61	31	70	98	73	149	33	5.5	2
4215OSDSSM42UP	13	M 42	400	63	19	61	31	70	98	73	149	33	5.8	2

# Technical data

5:1

max. load in t

METRIC THREADS		Torque (Nm)										
Number of rings	Lifting angle $\beta$		1	2	1	2	2	2	Asymmetric	3 → 4	3 → 4	3 → 4
			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
			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

