



Triple Swivel Ring Codipro TSR

Product information

The TSR ring is a triple swivel model with two pivots. It can be used for smooth tilting, turning and flipping. The optimised design prevents any damage to the sling and load while the ring is swivelling and ensures perfect alignment with the sling. However, the TSR triple swivel ring is not recommended for lengthy rotations of full loads.

It consists of a steel ring that has a rotating range of 360°.

- Maximal articulation
- Move the hook away from the load to lift
- Optimal hook position

Marking: According to standard, CE-marked

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

Standard: EN 1677-1

Note: M48 - M56 have SF 4:1

Safety factor: 5:1

Part code	WLL ton	Thread	Torque Nm	Standard L1 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L1 mm	S1 mm	S2 mm	X mm	Weight kg
4215TSRM8	0.4	M8 (x1,25)	6	15	33	56	30	41	25	10	58	9.5	15	8	16	18	0.4
4215TSRM10	0.7	M10 (x1,50)	10	18	33	56	30	41	25	10	58	9.5	18	8	16	18	0.4
4215TSRM12	1.05	M12 (x1,75)	15	21	33	56	30	41	25	10	58	9.5	21	8	16	18	0.4
4215TSRM14	1.4	M14 (x2)	30	23	45	81	45	48	34	16	79	13	23	8	20	24	1.1
4215TSRM16	2	M16 (x2)	50	27	45	81	45	48	34	16	79	13	27	8	20	24	1.2
4215TSRM18	2.3	M18 (x2,5)	70	27	45	81	45	48	34	16	79	13	27	8	20	24	1.2
4215TSRM20	2.5	M20 (x2,5)	100	30	45	81	45	48	34	16	79	13	30	8	20	24	1.2
4215TSRM22	3	M22 (x2,5)	120	33	62	105	60	80	45	20	106	19	33	14	24	45	2.8
4215TSRM24	4	M24 (x3)	160	36	62	105	60	80	45	20	106	19	36	14	24	45	2.9
4215TSRM27	5	M27 (x3)	200	36	62	105	60	80	45	20	106	19	36	14	24	45	2.9
4215TSRM30	6.3	M30 (x3,5)	250	45	62	105	60	80	45	20	106	19	45	14	24	45	3
4215TSRM36	10	M36 (x4)	320	54	81	140	80	111	71	30	148	26.5	54	19	30	54	7.6
4215TSRM42	12.5	M42 (x4,5)	400	63	84	146	80	111	71	30	148	26.5	63	19	30	58	7.8
4215TSRM48	20	M48 (x5)	600	68	100	178	110	135	90	42	180	33	68	19	30	69	17.5
4215TSRM56	22	M56 (x5,5)	600	78	104	184	110	135	90	42	190	33	78	19	30	73	18

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°	
TSR M 8	6		0,40	0,80	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40
TSR M 10	10		0,70	1,40	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70
TSR M 12	15		1,05	2,10	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05
TSR M 14	30		1,40	2,80	1,40	2,80	1,96	1,40	1,40	2,94	2,10	1,40
TSR M 16	50		2,00	4,00	2,00	4,00	2,80	2,00	2,00	4,20	3,00	2,00
TSR M 18	70		2,30	4,60	2,30	4,60	3,22	2,30	2,30	4,83	3,45	2,30
TSR M 20	100		2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50
TSR M 22	120		3,00	6,00	3,00	6,00	4,20	3,00	3,00	6,30	4,50	3,00
TSR M 24	160		4,00	8,00	4,00	8,00	5,60	4,00	4,00	8,40	6,00	4,00
TSR M 27	200		5,00	10,00	5,00	10,00	7,00	5,00	5,00	10,50	7,50	5,00
TSR M 30	250		6,30	12,60	6,30	12,60	8,82	6,30	6,30	13,23	9,45	6,30
TSR M 36	320		10,00	20,00	10,00	20,00	14,00	10,00	10,00	21,00	15,00	10,00
TSR M 42	400		12,50	25,00	12,50	25,00	17,50	12,50	12,50	26,25	18,75	12,50
TSR M 48	600		20,00	40,00	20,00	40,00	28,00	20,00	20,00	42,00	30,00	20,00
TSR M 56	600		22,00	44,00	22,00	44,00	30,80	22,00	22,00	46,20	33,00	22,00

Blueprint

