



## Swivel Hoist Ring 8-231 Long Bolt

### Product information



This swivel hoist ring rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.

- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolt are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 1.5 times the WLL.
- Quick and simple assembly, just a tapped hole is required.

**Features:** Built-in RFID/NFC chip

**Material:** Forged alloy steel, quenched and tempered

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

**Standard:** EN 1677-1

**Safety factor:** 4:1

Part Code	WLL ton	Thread mm	Torque Nm	Pitch DIN13	A mm	B mm	C mm	D mm	F mm	G mm	R mm	SW mm	E mm	M mm	Weight kg	Delivery time
11.428-231-005/105L	0.5	M 8	30	1.25	33	42	28	11	80	58	17	13	83	M 8	0.3	12
46020112B	0.7	M 10	60	1.5	33	41	29	11	80	58	17	17	103	M 10	0.4	12
46020119B	1	M 12	100	1.75	33	39	31	11	80	58	17	19	128	M 12	0.4	12
46020114B	2	M 16	150	2	50	54	46	17	116	90	27	24	149	M 16	1.1	12
46020093B	3	M 20	250	2.5	51	52	49	17	116	90	27	30	194	M 20	1.4	12
46020103B	5	M 24	400	3	72	81	59	25	163	126	37	36	221	M 24	3.2	12
46020091B	7.8	M 30	500	3.5	87	94	81	30	204	148	46	46	278	M 30	6.3	12
46020115B	12.5	M 36	1,000	4	110	112	98	36	248	188	57	55	225	M 36	10.9	12
11.428-231-156/350L	15.6	M 42	1,500	4.5	110	101	108	36	248	188	57	65	268	M 42	13.9	12
11.428-231-200/385L	20	M 48	2,000	5	110	97	112	36	248	188	57	75	303	M 48	14.7	12

## Technical data

Kind of attachment											
Number of legs		1	2	1	2	2	2	2	3-4	3-4	3-4
Load direction		0°	0°	90°	90°	0-45°	45°- 60°	unsymm.	0 - 45°	45°- 60°	unsymm.
Item No.	Thread	WLL(t)									
8-231-005/105L	M 8	0.8	1.6	0.5	1.0	0.7	0.5	0.5	1.1	0.8	0.5
8-231-007/125L	M10	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.5	1.1	0.7
8-231-010/150L	M12	1.5	3.0	1.0	2.0	1.4	1.0	1.0	2.1	1.5	1.0
8-231-020/185L	M16	3.2	6.4	2.0	4.0	2.8	2.0	2.0	4.2	3.0	2.0
8-231-030/230L	M20	4.5	9.0	3.0	6.0	4.2	3.0	3.0	6.3	4.5	3.0
8-231-050/265L	M24	9.0	18.0	5.0	10.0	7.0	5.0	5.0	10.5	7.5	5.0
8-231-078/340L	M30	12.0	24.0	7.8	15.6	10.9	7.8	7.8	16.4	11.7	7.8
8-231-125/300L	M36	14.0	28.0	12.5	25.0	17.5	12.5	12.5	26.3	18.8	12.5
8-231-156/350L	M42	16.0	32.0	15.6	31.2	21.8	15.6	15.6	32.8	23.4	15.6
8-231-200/385L	M48	20.0	40.0	20.0	40.0	28.0	20.0	20.0	42.0	30.0	20.0

# Blueprint

