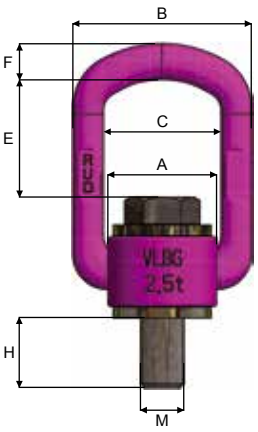
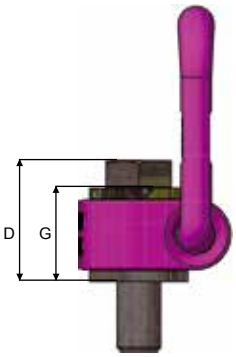
Rotating Lifting Points

Part no.	WLL	A	B	C	D	E	F	G	H	M	Torque	Weight
	ton	mm	mm	mm	mm	mm	mm	mm	mm	mm	nm	kg
LBG-M08	0.3	30	54	34	35	40	10.0	29	11	8	30	0.30
LBG-M10	0.63	30	54	34	36	39	10.0	29	16	10	60	0.32
LBG-M12	1.0	32	54	34	37	38	10.0	29	21	12	100	0.33
LBG-M16	1.5	33	56	36	46	39	13.5	36	24	16	150	0.55
LBG-M20	2.5	50	82	54	55	55	16.5	43	32	20	250	1.30
LBG-M24	4.0	50	82	54	58	66	18.0	43	37	24	350	1.50
LBG-M27	4.0	60	103	65	78	69	22.5	61	39	27	400	3.10
LBG-M30	5.0	60	103	65	80	67	22.5	61	49	30	500	3.10
LBG-M36-07	7.0	60	103	65	72	74	22.5	55	52	36	700	3.30
LBG-M36-08	8.0	77	122	82	100	97	26.5	77	63	36	800	5.80
LBG-M42-10	10.0	75	145	80	103	64	30x20	77	73	42	1000	6.40
LBG-M42-15	15.0	95	156	100	113	110	36.0	87	63	42	1500	11.20
LBG-M48	20.0	95	156	100	117	105	36.0	87	73	48	2000	11.20

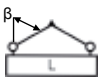




The material construction to which the lifting point will be attached, should be of adequate strength to withstand forces during lifting without deformation. RUD, with reference to the German testing authority BG, recommends the following minimum for bolt lengths:

- 1.5 x M in steel (minimum quality S235JR)
- 1.5 x M in cast iron (for example GG 25)
- 2 x M in aluminium alloys
- 2.5 x M in aluminium-magnesium alloys
- (M = diameter of RUD lifting point bolt, e.g. M 20)

Max. load weight >L< for different lift combinations

Method of lift											
Number of legs		1	1	2	2	2	2	2	3 and 4	3 and 4	3 and 4
Angle of inclination < β		0˚	90˚	0˚	90˚	0-45˚	45-60˚	asymm.	0-45˚	45-60˚	asymm.
Factor		1.0	1.0	2.0	2.0	1.4	1.0	1.0	2.1	1.5	1.0
Type	**Thread**	**WLL in ton**, bolted and adjusted to the direction of pull									
LBG-M08	M8	0.3	0.3	0.6	0.6	0.42	03.	0.3	0.63	0.45	0.3
LBG-M10	M10	0.63	0.63	1.26	1.26	0.88	0.63	0.63	1.32	0.95	0.63
LBG-M12	M12	1.0	1.0	2.0	2.0	1.4	1.0	1.0	2.1	1.5	1.0
LBG-M16	M16	1.5	1.5	3.0	3.0	2.1	1.5	1.5	3.15	2.25	1.5
LBG-M20	M20	2.5	2.5	5.0	5.0	3.5	2.5	2.5	5.25	3.75	2.5
LBG-M24	M24	4.0	4.0	8.0	8.0	5.6	4.0	4.0	8.4	6.0	4.0
LBG-M27	M27	4.0	4.0	8.0	8.0	5.6	4.0	4.0	8.4	6.0	4.0
LBG-M30	M30	5.0	5.0	10.0	10.0	7.0	5.0	5.0	10.5	7.5	5.0
LBG-M36-07	M36	7.0	7.0	14.0	14.0	9.8	7.0	7.0	14.7	10.5	7.0
LBG-M36-08	M36	8.0	8.0	16.0	16.0	11.2	8.0	8.0	16.8	12.0	8.0
LBG-M42-10	M42	10.0	10.0	20.0	20.0	14.0	10.0	10.0	21.0	15.0	10.0
LBG-M42-15	M42	15.0	15.0	30.0	30.0	21.0	15.0	15.0	31.5	22.5	15.0
LBG-M48	M48	20.0	20.0	40.0	40.0	28.0	20.0	20.0	42.0	30.0	20.0