

# VLBG-PLUS

VIP-Load ring thread PLUS.



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## PRODUCT FEATURES

- Large WLL range 0.63 t–20 t.
- Captive but exchangeable ICE-Bolt made of patented steel up to size M24 with special corrosion protection Corrud-DT. Safe deep temperature usage; improved toughness meaning higher bending strength and lower wear occurrence.
- The clamping spring achieves noise reduction and keeps the suspension ring in the desired direction; thereby simple hinging of the lifting means is possible or a flat design in the folded state.
- DNVGL certification from size M30.



✓ Tested and certified by DGUV.

Test criteria: GS-OA-15-04: 2015-12  
Certificate no.: OA 1651053

- Suspension ring adjustable in force direction.
- Comprehensive range of threads.

# VLBG-PLUS / VLBG

Metric thread.

## VLBG-PLUS-LOAD RING THREAD PLUS – METRIC.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	K [mm]	L [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
VLBG-PLUS 0.63t M8	0.63	0.3	75	30	52	34	24	40	10	29	11	75	45	40	M8	32	30	8504651
VLBG-PLUS 0.9t M10	0.9	0.32	75	30	54	34	24	39	10	29	15	75	45	44	M10	32	60	8504652
VLBG-PLUS 1.35t M12	1.35	0.33	75	32	54	34	26	38	10	29	18	75	45	47	M12	32	150	8504653
VLBG-PLUS 2t M16	2	0.55	85	33	56	36	30	39	13.5	36	22	86	47	58	M16	38	150	8504655
VLBG-PLUS 3.5t M20	3.5	1.3	110	50	82	54	45	55	16.5	43	32	113	64	75	M20	48	400	8504657
VLBG-PLUS 4.5t M24	4.5	1.5	125	50	82	54	45	67	18	43	37	130	78	80	M24	48	760	8504659
VLBG-PLUS 6.7t M30	6.7	3.3	147	60	103	65	60	67	22.5	61	49	151	80	110	M30	67	1.000	8504661
VLBG-PLUS 7t M36 (So-bolt)	7	3.4	146	60	103	65	60	74	22.5	55	52	151	80	107	M36	67	700	8500829
VLBG-PLUS 8t M36	8	6.2	196	77	122	82	70	97	26.5	77	63	205	113	140	M36	79	800	7983553
VLBG-PLUS 10t M42	10	6.7	196	77	122	82	70	94	26.5	77	73	205	113	150	M42	79	1.000	7983554
VLBG-PLUS 15t M42	15	10.9	222	95	156	100	85	109	36	87	63	230	130	150	M42	100	1.500	7982966
VLBG-PLUS 20t M48	20	11.6	222	95	156	100	95	105	36	87	73	230	130	160	M48	100	2.000	7982967

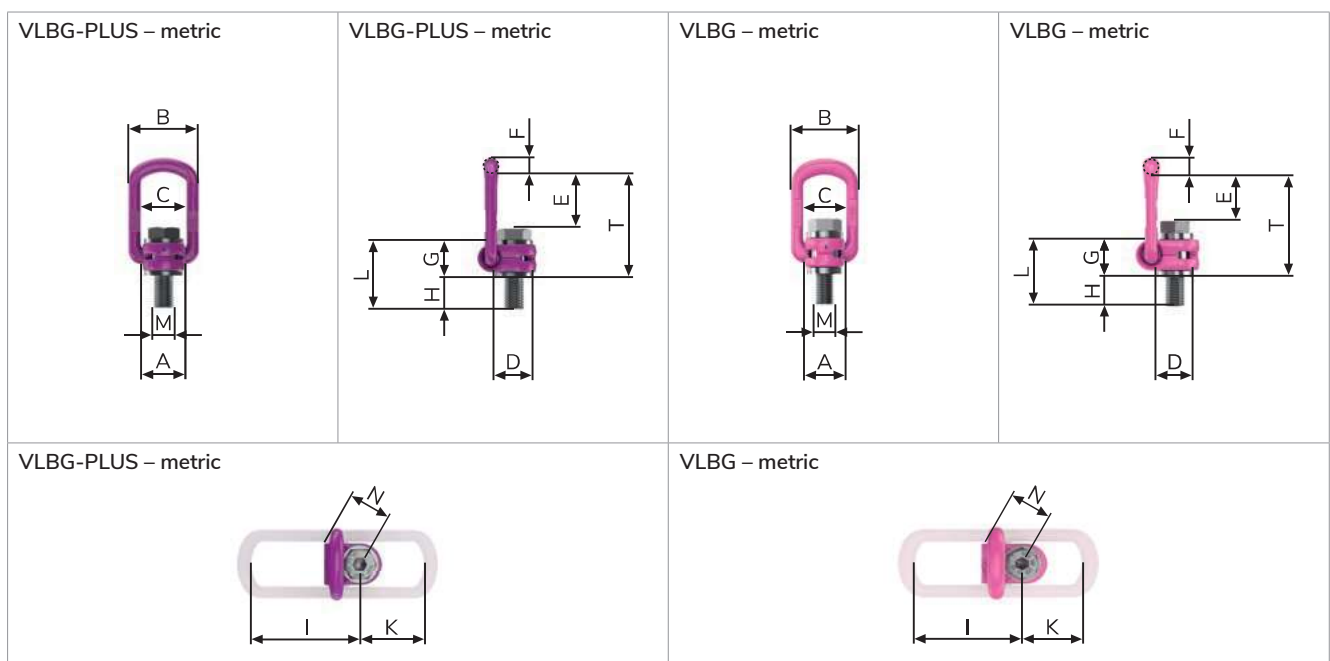
Subject to technical changes!

## VLBG-LOAD RING THREAD – METRIC INTERMEDIATE SIZES IN VARIABLE LENGTH.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H vario [mm]	I [mm]	K [mm]	L vario [mm]	M	N	Tightening torque [Nm]	Ref. No.
VLBG 1.2t M14	1.2	<sup>1</sup>	85	33	56	36	30	39	13.5	36	14-129	86	47	50-165	M14	38	120	8600399
VLBG 2t M18	2	<sup>1</sup>	110	50	82	54	45	55	16.5	43	18-27	113	64	61-70	M18	48	200	8600384
VLBG 2.5t M22	2.5	<sup>1</sup>	110	50	82	54	45	54	16.5	43	22-57	113	64	65-100	M22	48	250	8600385
VLBG 4t M27	4	<sup>1</sup>	147	60	103	65	60	59	22.5	61	27-239	151	80	88-300	M27	67	400	8600387

<sup>1</sup> Weight depends on the design.

Subject to technical changes!



# VLBG-PLUS / VLBG

Metric chosen length /  
metric fine thread in variable length.

## VLBG-PLUS-LOAD RING THREAD PLUS – METRIC IN VARIABLE LENGTH.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H vario [mm]	I [mm]	K [mm]	L vario [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
VLBG-PLUS 0.63t M8	0.63	<sup>1</sup>	75	30	54	34	24	40	10	29	8-76	75	45	37-105	M8	32	30	8600470
VLBG-PLUS 0.9t M10	0.9	<sup>1</sup>	75	30	54	34	24	39	10	29	10-96	75	45	39-125	M10	32	60	8600471
VLBG-PLUS 1.35t M12	1.35	<sup>1</sup>	75	32	54	34	26	38	10	29	12-116	75	45	41-145	M12	32	150	8600472
VLBG-PLUS 2t M16	2	<sup>1</sup>	85	33	56	36	30	39	13.5	36	16-149	86	47	52-185	M16	38	150	8600474
VLBG-PLUS 3.5t M20	3.5	<sup>1</sup>	110	50	82	54	45	55	16.5	43	20-187	113	64	63-230	M20	48	400	8600476
VLBG-PLUS 4.5t M24	4.5	<sup>1</sup>	125	50	82	54	45	67	18	43	24-222	130	78	67-265	M24	48	760	8600478
VLBG-PLUS 6.7t M30	6.7	<sup>1</sup>	147	60	103	65	60	67	22.5	61	30-279	151	80	91-340	M30	67	1.000	8600480
VLBG-PLUS 8t M36	8	<sup>1</sup>	197	77	122	82	70	97	26.5	77	36-223	205	110	113-300	M36	87	800	8600289
VLBG-PLUS 10t M42	10	<sup>1</sup>	197	77	122	82	70	94	26.5	77	42-273	205	110	119-350	M42	70	1.000	8600290
VLBG-PLUS 15t M42	15	<sup>1</sup>	222	95	156	100	85	109	36	87	42-263	230	130	129-350	M42	100	1.500	8600291
VLBG-PLUS 20t M48	20	<sup>1</sup>	222	95	156	100	95	105	36	87	48-303	230	130	135-350	M48	100	2.000	8600292

<sup>1</sup> Weight depends on the design.

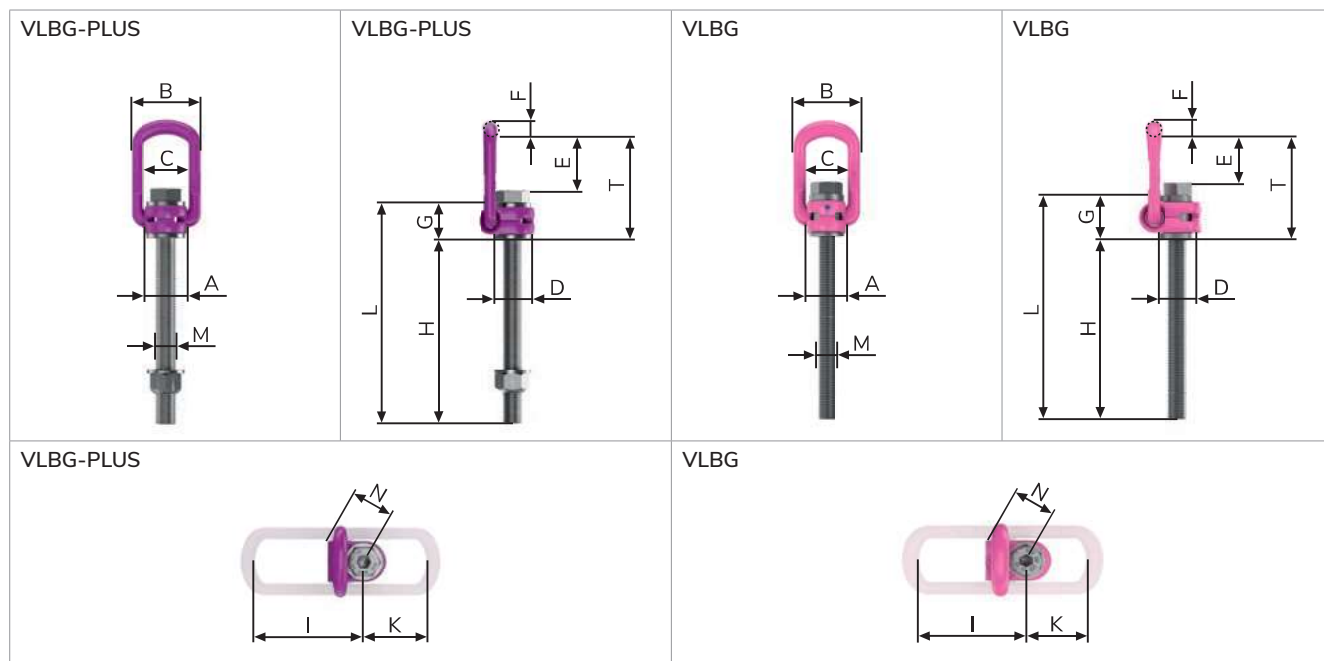
Subject to technical changes!

## VWBG-V LOAD RING – METRIC FINE THREAD IN VARIABLE LENGTH.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H vario [mm]	I [mm]	K [mm]	L vario [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
VLBG 1t M12 x 1,5	1	<sup>1</sup>	75	32	54	34	26	38	10	29	12-31	75	45	41-60	M12 x 1,5	32	100	8600382
VLBG 1.2t M14 x 1,5	1.2	<sup>1</sup>	85	33	56	36	30	39	13.5	36	14-34	86	47	50-70	M14 x 1,5	38	120	8600399
VLBG 1.5t M16 x 1,5	1.5	<sup>1</sup>	85	33	56	36	30	39	13.5	36	16-39	86	47	52-75	M16 x 1,5	38	150	8600383
VLBG 2t M18 x 1,5	2	<sup>1</sup>	110	50	82	54	45	55	16.5	43	18-47	113	64	61-90	M18 x 1,5	48	200	8600384
VLBG 2.5t M20 x 1,5	2.5	<sup>1</sup>	110	50	82	54	45	55	16.5	43	20-52	113	64	63-95	M20 x 1,5	48	250	8600385
VLBG 4t M24 x 1,5	4	<sup>1</sup>	125	50	82	54	45	67	18	43	24-62	130	78	67-105	M24 x 1,5	48	400	8600386
VLBG 5t M30 x 2	5	<sup>1</sup>	147	60	103	65	60	67	22.5	61	30-74	151	80	91-135	M30 x 2	67	500	8600388

<sup>1</sup> Weight depends on the design.

Subject to technical changes!



# VLBG-Z

UNC inch thread /  
UNC inch thread in variable length.

## VLBG-Z-LOAD RING THREAD – UNC INCH THREAD.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	K [mm]	L [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
VLBG-Z 0.63t 3/8"-16UNC	0.63	0.29	75	30	54	34	24	39	10	29	16	75	45	45	3/8"-16UNC	32	60	8504256
VLBG-Z 1t 1/2"-13UNC	1	0.36	75	32	54	34	26	38	10	29	22	75	45	50	1/2"-13UNC	32	100	8502349
VLBG-Z 1.5t 5/8"-11UNC	1.5	0.5	85	33	56	36	30	39	13.5	36	24	86	47	60	5/8"-11UNC	38	150	8502350
VLBG-Z 2.5t 3/4"-10UNC	2.5	1.3	110	50	82	54	45	55	16.5	43	28	113	64	71	3/4"-10UNC	48	250	8502351
VLBG-Z 2.5t 7/8"-9UNC	2.5	1.25	110	50	82	54	45	55	16.5	43	27	113	64	70	7/8"-9UNC	48	250	8502352
VLBG-Z 4t 1"-8UNC	4	1.5	125	50	82	54	45	67	18	43	41	130	78	84	1"-8UNC	48	400	8502353
VLBG-Z 5t 1-1/4"-7UNC	5	3.33	147	60	103	65	60	64	22.5	61	41	151	80	102	1-1/4"-7UNC	67	500	8503187
VLBG-Z 5t 1-1/4"-8UN	5	3.33	147	60	103	65	60	64	22.5	61	41	151	80	102	1-1/4"-8UN	67	500	8502354
VLBG-Z 8t 1-1/2"-6UNC	8	6.2	197	77	122	82	70	97	26.5	77	62	205	110	140	1-1/2"-6UNC	87	800	8504257
VLBG-Z 20t 2"-4.5UNC	20	11.7	222	95	156	100	95	105	36	87	69	230	130	156	2"-4.5UNC	100	2.000	8504258

Subject to technical changes!

## VLBG-Z LOAD RING THREAD – UNC INCH THREAD IN VARIABLE LENGTH.

Type	WLL [t]	Weight (kg/unit)	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H vario [mm]	I [mm]	K [mm]	L vario [mm]	M	N [mm]	Tightening torque [Nm]	Ref. No.
VLBG-Z 0.63t 3/8"-16UNC	0.63	<sup>1</sup>	75	30	54	34	24	39	10	29	10-98	75	45	39-127	3/8"-16UNC	32	60	8600440
VLBG-Z 1t 1/2"-13UNC	1	<sup>1</sup>	75	32	54	34	26	38	10	29	13-123	75	45	42-152	1/2"-13UNC	32	100	8600441
VLBG-Z 1.5t 5/8"-11UNC	1.5	<sup>1</sup>	85	33	56	36	30	39	13.5	36	16-148	86	47	52-184	5/8"-11UNC	38	150	8600442
VLBG-Z 2.5t 3/4"-10UNC	2.5	<sup>1</sup>	110	50	82	54	45	55	16.5	43	19-185	113	64	62-228	3/4"-10UNC	48	250	8600443
VLBG-Z 2.5t 7/8"-9UNC	2.5	<sup>1</sup>	110	50	82	54	45	55	16.5	43	22-211	113	64	65-254	7/8"-9UNC	48	250	8600444
VLBG-Z 4t 1"-8UNC	4	<sup>1</sup>	125	50	82	54	45	67	18	43	25-211	130	78	68-254	1"-8UNC	48	400	8600445
VLBG-Z 5t 1-1/4"-7UNC	5	<sup>1</sup>	147	60	103	65	60	64	22.5	61	32-278	151	80	93-339	1-1/4"-7UNC	67	500	8600446
VLBG-Z 8t 1-1/2"-6UNC	8	<sup>1</sup>	197	77	122	82	70	97	26.5	77	38-270	205	110	115-347	1-1/2"-6UNC	87	800	8600447
VLBG-Z 20t 2"-4.5UNC	20	<sup>1</sup>	222	95	156	100	95	105	36	87	51-302	230	130	138-389	2"-4.5UNC	100	2.000	8600448

<sup>1</sup> Weight depends on the design.

Subject to technical changes!

