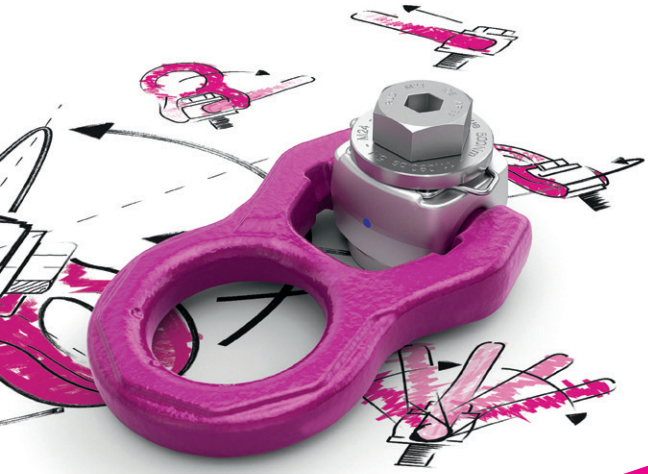
LOAD TABLES

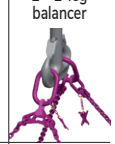
Lifting Points, Lifting Chains.



LIFTING CHAINS – GRADE 80, 100, 120

Working Load Limit in [t] at symmetrical load

Lifting Chains Grade 80
Lifting Chains VIP 100 Grade 100
Lifting Chains ICE 120 Grade 120

		1-leg	2-leg		3- and 4-leg		2 × 2-leg balancer
							
Inclination angle < α		0	0–45°	> 45–60°	0–45°	> 45–60°	0–45°
Load factor		1	1.4	1	2.1	1.5	2.8
Chain diameter	Grade						
4	VIP-10	0.63	0.88	0.63	1.32	0.95	–
4	ICE-12	0.8	1.12	0.8	1.7	1.18	–
6	GK-8	1.12	1.6	1.12	2.36	1.7	–
6	VIP-10	1.5	2.1	1.5	3.15	2.25	4.2
6	ICE-12	1.8	2.52	1.8	3.75	2.7	5.1
8	GK-8	2	2.8	2	4.25	3	–
8	VIP-10	2.5	3.5	2.5	5.25	3.75	7
8	ICE-12	3	4.25	3	6.3	4.5	8.4
10	GK-8	3.15	4.25	3.15	6.7	4.75	–
10	VIP-10	4	5.6	4	8.4	6	11.2
10	ICE-12	5	7.1	5	10.6	7.5	14.1
13	GK-8	5.3	7.5	5.3	11.2	8	–
13	VIP-10	6.7	9.5	6.7	14.1	10	19
13	ICE-12	8	11.2	8	17	11.8	22.6
16	GK-8	8	11.2	8	17	11.8	–
16	VIP-10	10	14	10	21.2	15	28
16	ICE-12	12.5	17	12.5	26.5	19	35.3
18	GK-8	10	14	10	21.2	15	–
20	GK-8	12.5	17	12.5	26.5	19	–
20	VIP-10	16	22.4	16	33.6	24	45
22	GK-8	15	21.2	15	31.5	22.4	–
22	VIP-10	20	28	20	42	30	56
26	GK-8	21.2	30	21.2	45	31.5	–
28	VIP-10	31.5	45	31.5	67 [1]	47.5 [1]	89
32	GK-8	31.5	45	31.5	67.5	47.5	–

[1] 2 x 2 leg version.

DGUV-R 109-017: When using multiple leg slings in an unsymmetrical lift the 1-leg WLL becomes valid. When choke hitch is applied the WLL has to be reduced by 20 %!

ATTENTION! Before each use of sling chains mind the certification stamp acc. to DIN EN 818, to avoid mixing of sling chains of different quality grades and non-proved chains.

Please observe user instruction!

LIFTING POINTS – FOR BOLTING

ACP-TURNADO / -MAX / -SUPERMAX

Attachment type					
Number of strands		1	1	2	3 + 4
Inclination angle <α		0°	90°	0–45° [1]	0–45° [1]
Type	**Thread size**	**Safety factor 5:1 in lbs**			
ACP-TURNADO					
ACP-0.7t	M8	1,230	1,230	1,730	2,600
ACP-1t	M10	1,760	1,760	2,480	3,730
ACP-1.35t	1/2" / M12	2,380	2,380	3,360	5,040
ACP-2.5t	5/8" / M16	4,400	4,400	6,220	9,330
ACP-4t	3/4" / M20	7,040	7,040	9,950	14,930
ACP-6.3t	1" / M24	11,080	11,080	15,670	23,500
ACP-8t	1 1/4" / M30	14,080	14,080	19,910	29,860
ACP-TURNADO-MAX					
ACP-12.5t	M36	26,450	22,040	31,160	46,750
ACP-14t	1 1/2"	28,220	24,690	34,910	52,370
ACP-16t	1 3/4" / M42	31,740	28,220	39,900	59,860
ACP-20t	M48	44,090	35,270	49,870	74,810
ACP-22t	2"	44,090	38,800	54,870	82,300
ACP-24t	M52	45,850	42,320	59,850	89,770
ACP-27t	M56	57,320	47,620	67,340	101,010
ACP-TURNADO-SUPERMAX					
ACP-32.5t	2 1/2"– 4" M64 – M100	61,720	57,320	81,000	121,590
Type	**Thread size**	**Safety factor 4:1 in tonnes**			
ACP-TURNADO					
ACP-0.7t	M8	0.7	0.7	0.98	1.47
ACP-1t	M10	1	1	1.4	2.1
ACP-1.35t	1/2" / M12	1.35	1.35	1.9	2.84
ACP-2.5t	5/8" / M16	2.5	2.5	3.5	5.25
ACP-4t	3/4" / M20	4	4	5.6	8.4
ACP-6.3t	1" / M24	6.3	6.3	8.8	13.2
ACP-8t	1 1/4" / M30	8	8	11.2	17
ACP-TURNADO-MAX					
ACP-12.5t	M36	15	12.5	17	26.5
ACP-14t	1 1/2"	16	14	19.6	29.4
ACP-16t	1 3/4" / M42	18	16	22.4	33.6
ACP-20t	M48	25	20	28	42
ACP-22t	2"	25	22	30.8	46.2
ACP-24t	M52	26	24	33.6	50.4
ACP-27t	M56	32.5	27	38	57
ACP-TURNADO-SUPERMAX					
ACP-32.5t	2 1/2"– 4" M64 – M100	35	32.5	46	69

RUD RFID CONNECT IT

RFID chip as standard

ACP-TURNADO

ACP-TURNADO-MAX

ACP-TURNADO-SUPERMAX

ACP-TURNADO-...

- No stopping of the lift bail.
- Higher working load limits (WLL) than hoist rings of comparable sizes.
- No kinking possible.

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
Special threads possible! Variable thread lengths available. If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

LIFTING POINTS – FOR BOLTING

VWBG-V – VIP-Load ring thread VARIO

Attachment type					
Number of strands		1	1	2	3 + 4
Inclination angle <α		0°	90°	0–45° [1]	0–45° [1]
Type	**Thread size**	**Safety factor 5:1 in lbs**			
VWBG-V-0.3t	5/16" / M8	1,050	520 (700)	730 (990)	1,100 (1,480)
VWBG-V-0.45t	3/8" / M10	1,580	790 (1,050)	1,110 (1,480)	1,670 (2,220)
VWBG-V-0.6t	1/2" / M12	2,110	1,050 (1,320)	1,480 (1,860)	2,220 (2,800)
VWBG-V-1t	M14	3,520	1,760 (2,200)	2,480 (3,110)	3,730 (4,660)
VWBG-V-1.3t	5/8" / M16	4,580	2,280 (2,640)	3,220 (3,730)	4,830 (5,600)
VWBG-V-1.8t	M18	6,340	3,170 (3,520)	4,480 (4,970)	6,720 (7,460)
VWBG-V-2t	3/4" / M20 / M22	7,040	3,520 (4,400)	4,970 (6,220)	7,460 (9,330)
VWBG-V-3.5t	1" / M24 / M27	12,340	6,170 (7,040)	8,720 (9,950)	13,080 (14,930)
VWBG-V-5t	1 1/4" / M30	17.630	8,810 (10,580)	12,450 (14,960)	18,680 (22,440)
Type	**Thread size**	**Safety factor 4:1 in tonnes**			
VWBG-V-0.3t	5/16" / M8	0.6	0.3 (0.4)	0.42 (0.56)	0.63 (0.84)
VWBG-V-0.45t	3/8" / M10	0.9	0.45 (0.6)	0.63 (0.84)	0.94 (1.26)
VWBG-V-0.6t	1/2" / M12	1.2	0.6 (0.75)	0.84 (1)	1.26 (1.57)
VWBG-V-1t	M14	2	1 (1.25)	1.4 (1.75)	2.1 (2.62)
VWBG-V-1.3t	5/8" / M16	2.6	1.3 (1.5)	1.82 (2.1)	2.73 (3.15)
VWBG-V-1.8t	M18	3.6	1.8 (2)	2.52 (2.8)	3.75 (4.25)
VWBG-V-2t	3/4" / M20 / M22	4	2 (2.5)	2.8 (3.5)	4.25 (5.25)
VWBG-V-3.5t	1" / M24 / M27	7	3.5 (4)	4.9 (5.6)	7.35 (8.4)
VWBG-V-5t	1 1/4" / M30	10	5 (6)	7.1 (8.4)	10.6 (12.6)

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.
( ) = Higher WLL by optimised attachment or application.

RUD RFID CONNECT IT

RFID chip as standard

VWBG-V

- Rotating 360°. Suspension ring pivots 230°.
- Ball bearing.
- Patented markings (withdraw of service and load angles).

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
Special threads possible! Variable thread lengths available. If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

LIFTING POINTS – FOR BOLTING

VWBG – VIP-Load ring thread

Attachment type					
Number of strands		1	1	2	3 + 4
Inclination angle <α		0°	90°	0–45° [1]	0–45° [1]
Type	**Thread size**	**Safety factor 5:1 in lbs**			
VWBG-6(7.5)t	1 3/8" / M33	26,450	10,580 (13,220)	14,960 (18,690)	22,440 (28,040)
VWBG-8(10)t	1 1/2" / M36 / M39	26,450	14,080 (17,630)	19,910 (24,930)	29,860 (37,400)
VWBG-12(13)t	1 3/4" / 1 7/8" / M42	29,980	21,160 (22,920)	29,920 (32,410)	44,880 (48,620)
VWBG-12(15)t	M45	31,740	21,160 (26,450)	29,920 (37,400)	44,880 (56,100)
VWBG-13(16)t	2" / M48 / M52	31,740	22,920 (28,220)	32,410 (39,900)	48,620 (59,860)
VWBG-14(20)t	2 1/4" / 2 1/2" / M52	44,090	24,690 (35,270)	34,910 (49,870)	52,370 (74,810)
VWBG-16(22)t	2 1/4" / 2 1/2" / M56 / M60	49,380	28,220 (38,800)	39,900 (54,870)	59,860 (82,300)
VWBG-16(25)t	2 3/4" / 3" / M64 / M72 / M76	49,380	28,220 (44,090)	39,900 (62,350)	59,860 (93,520)
VWBG-31,5(40)t	3" / M72 / M74 / M76	88,180	55,550 (70,540)	78,560 (99,750)	117,830 (149,630)
VWBG-35(48)t	3 1/4" / 3 1/2" / M80 / M85	88,180	61,720 (84,650)	87,280 (119,710)	130,920 (179,570)
VWBG-40(50)t	4" / 4 1/2" / 5" / M90–M160	88,180	70,540 (88,180)	99,750 (124,710)	149,630 (187,060)
Type	**Thread size**	**Safety factor 4:1 in tonnes**			
VWBG-6(7.5)t	1 3/8" / M33	15	6 (7.5)	8.4 (10.5)	12.6 (15.75)
VWBG-8(10)t	1 1/2" / M36 / M39	15	8 (10)	11.2 (14)	17 (21.2)
VWBG-12(13)t	1 3/4" / 1 7/8" / M42	17	12 (13)	16.8 (18.2)	25.2 (27.3)
VWBG-12(15)t	M45	18	12 (15)	16.8 (21.2)	25.2 (31.5)
VWBG-13(16)t	2" / M48 / M52	18	13 (16)	18.2 (22.4)	27.3 (33.6)
VWBG-14(20)t	2 1/4" / 2 1/2" / M52	25	14 (20)	19.6 (28)	29.4 (42)
VWBG-16(22)t	2 1/4" / 2 1/2" / M56 / M60	28	16 (22)	22.4 (30.8)	33.6 (46.2)
VWBG-16(25)t	2 3/4" / 3" / M64 / M72 / M76	28	16 (25)	22.4 (35)	33.6 (52.5)
VWBG-31.5(40)t	3" / M72 / M74 / M76	50	31.5 (40)	45 (56)	67 (84)
VWBG-35(48)t	3 1/4" / 3 1/2" / M80 / M85	50	35 (48)	49 (67.2)	73.5 (100.8)
VWBG-40(50)t	4" / 4 1/2" / 5" / M90–M160	50	40 (50)	56 (70)	84 (105)

RUD RFID CONNECT IT

RFID chip as standard

VWBG

- Rotating 360°. Suspension ring pivots 230°.
- Ball bearing.
- Patented markings (withdraw of service and load angles).

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
Special threads possible! Variable thread lengths available. If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

( ) = Higher WLL by optimised attachment or application.

LIFTING POINTS – FOR BOLTING

VRS-STARPOINT (VRS-F with wrench) – VARIO-Ring bolt

Attachment type					
Number of strands		1	1	2	3 + 4
Inclination angle <α		0°	90°	0–45° [1]	0–45° [1]
Type	**Thread size**	**Safety factor 5:1 in lbs**			
VRS-F-0.1t	1/4" / M6	880	170	240	360
VRS-F-0.3t	5/16" / M8	1,760	520	730	1,100
VRS-F-0.4t	3/8" / 7/16" / M10	1,760	700	990	1,480
VRS-F-0.75t	1/2" / M12 / M14	3,520	1,320	1,860	2,800
VRS-F-1.5t	5/8" / M16 / M18	7,040	2,640	3,730	5,600
VRS-F-2.3t	3/4" / 7/8" / M20 / M22	10,580	4,050	5,720	8,590
VRS-F-3.2t	1" / 1 1/8" / M24 / M27	14,080	5,640	7,970	11,960
VRS-F-4.5t	1 1/4" / M30 / M33	21,160	7,930	11,210	16,820
VRS-F-7t	1 1/2" / M36	28,220	12,340	17,450	26,170
VRS-F-9t	1 3/4" / M42	42,320	15,870	22,440	33,660
VRS-F-12t	2" / M48	56,430	21,160	29,920	44,880
VRS-F-16t	M56	88,180	28,220	39,900	59,860
VRS-F-20t	M64	105,820	35,270	49,870	74,810
Type	**Thread size**	**Safety factor 4:1 in tonnes**			
VRS-F-0.1t	1/4" / M6	0.5	0.1	0.14	0.21
VRS-F-0.3t	5/16" / M8	1	0.3	0.42	0.63
VRS-F-0.4t	3/8" / 7/16" / M10	1	0.4	0.56	0.84
VRS-F-0.75t	1/2" / M12 / M14	2	0.75	1	1.57
VRS-F-1.5t	5/8" / M16 / M18	4	1.5	2.1	3.15
VRS-F-2.3t	3/4" / 7/8" / M20 / M22	6	2.3	3.22	4.83
VRS-F-3.2t	1" / 1 1/8" / M24 / M27	8	3.2	4.5	6.7
VRS-F-4.5t	1 1/4" / M30 / M33	12	4.5	6.3	9.5
VRS-F-7t	1 1/2" / M36	16	7	9.8	14.7
VRS-F-9t	1 3/4" / M42	24	9	12.6	18.9
VRS-F-12t	2" / M48	32	12	16.8	25.2
VRS-F-16t	M56	50	16	22.4	33.6
VRS-F-20t	M64	60	20	28	42

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

RUD RFID CONNECT IT

RFID chip as standard

VRS-F

- Rotating 360°. Easy adjustment in load direction.
- ICE-Bolt made out of patented steel.
- Easy-Fit star profile key.

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

LIFTING POINTS – FOR BOLTING

VLBG-PLUS – VIP-Load ring thread PLUS

Attachment type					
Number of strands		1	1	2	3 + 4
Inclination angle <α		0°	90°	0–45° [1]	0–45° [1]
Type	**Thread size**	**Safety factor 5:1 in lbs**			
VLBG-PLUS-0.63t	M8	1,110	1,110	1,570	2,350
VLBG-PLUS-0.9t	M10	1,580	1,580	2,230	3,350
VLBG-PLUS-1.35t	M12	2,380	2,380	3,360	5,040
VLBG-PLUS-2t	M16	3,520	3,520	4,970	7,460
VLBG-PLUS-3.5t	M20	6,170	6,170	8,720	13,080
VLBG-PLUS-4.5t	M24	7,930	7,930	11,210	16,820
VLBG-PLUS-6.7t	M30	11,810	11,810	16,700	25,050
VLBG-PLUS-7t	M36	12,340	12,340	17,450	26,170
VLBG-PLUS-8t	M36	14,080	14,080	19,910	29,860
VLBG-PLUS-10t	M42	17,630	17,630	24,930	37,400
VLBG-PLUS-15t	M42	26,450	26,450	37,400	56,100
VLBG-PLUS-20t	M48	35,270	35,270	49,870	74,810
Type	**Thread size**	**Safety factor 4:1 in tonnes**			
VLBG-PLUS-0.63t	M8	0.63	0.63	0.88	1.32
VLBG-PLUS-0.9t	M10	0.9	0.9	1.3	1.9
VLBG-PLUS-1.35t	M12	1.35	1.35	1.9	2.84
VLBG-PLUS-2t	M16	2	2	2.8	4.25
VLBG-PLUS-3.5t	M20	3.5	3.5	4.9	7.35
VLBG-PLUS-4.5t	M24	4.5	4.5	6.3	9.5
VLBG-PLUS-6.7t	M30	6.7	6.7	9.5	14.1
VLBG-PLUS-7t	M36	7	7	9.8	14.7
VLBG-PLUS-8t	M36	8	8	11.2	17
VLBG-PLUS-10t	M42	10	10	14	21.2
VLBG-PLUS-15t	M42	15	15	21.2	31.5
VLBG-PLUS-20t	M48	20	20	28	42

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

RUD RFID CONNECT IT

RFID chip as standard

M8–M30: 45 % higher WLL at an average.

VLBG-PLUS

- ICE-Bolt made out of patented steel.
- Lifting point rotates 360°. Suspension ring pivots 180°.
- Clamping springs works as a noise reduction.

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

RUD BLUE-ID SYSTEM

RFID Transponder

Integrated RFID chips with distinctive ID number.

ID-USB-Reader

Reading device that transmits the identification number.

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Documentation and administration software.

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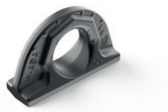
LIFTING POINTS – FOR WELDING

W-ABA – weldable, full WLL in all directions

Attachment type				
Number of strands	1	1	2	3 + 4
Inclination angle <α	0°	90°	0–45° [1]	0–45° [1]
Type	Safety factor 5:1 in lbs			
W-ABA-0.8t	3,520	1,410 (3,520)	1,990 (4,970)	2,990 (7,460)
W-ABA-1.6t	7,040	2,820 (7,040)	3,980 (9,950)	5,980 (14,930)
W-ABA-3.2t	15,870	5,640 (15,870)	7,970 (22,440)	11,960 (33,660)
W-ABA-5t	21,160	8,810 (21,160)	12,450 (29,920)	18,680 (44,880)
W-ABA-10t	35,270	17,630 (35,270)	24,930 (49,870)	37,400 (74,810)
W-ABA-20t	35,270	35,270	49,870	74,810
W-ABA-31.5t	55,550	55,550	78,560	117,830
Type	Safety factor 4:1 in tonnes			
W-ABA-0.8t	2	0.8 (2)	1.12 (2.8)	1.7 (4.25)
W-ABA-1.6t	4	1.6 (4)	2.2 (5.6)	3.4 (8.4)
W-ABA-3.2t	9	3.2 (9)	4.5 (12.6)	6.7 (18.9)
W-ABA-5t	12	5 (12)	7.1 (16.8)	10.6 (25.2)
W-ABA-10t	20	10 (20)	14 (28)	21.2 (42)
W-ABA-20t	20	20	28	42
W-ABA-31.5t	31.5	31.5	45	67



W-ABA

- Forged lifting point.
- Clear WLL marking.
- Circular fillet weld.

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

( ) = Higher WLL by optimised attachment or application.

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LIFTING POINTS – FOR WELDING

VRBS-FIX – VIP-Load ring weldable FIX

Attachment type				
Number of strands	1	1	2	3 + 4
Inclination angle <α	0°	90°	0–45° [1]	0–45° [1]
Type	**Safety factor 5:1 in lbs**			
VRBS-FIX-4t	7,040	7,040	9,950	14,930
VRBS-FIX-6.7t	11,810	11,810	16,700	25,050
VRBS-FIX-10t	17,630	17,630	24,930	37,400
VRBS-FIX-16t	28,220	28,220	39,900	59,860
VRBS-FIX-31.5t	55,550	55,550	78,560	117,830
VRBS-FIX-50t	88,180	88,180	124,710	187,060
VRBS-FIX-100t	176,370	176,370	249,420	374,130
Type	**Safety factor 4:1 in tonnes**			
VRBS-FIX-4t	4	4	5.6	8.4
VRBS-FIX-6.7t	6.7	6.7	9.5	14.1
VRBS-FIX-10t	10	10	14	21.2
VRBS-FIX-16t	16	16	22.4	33.6
VRBS-FIX-31.5t	31.5	31.5	45	67
VRBS-FIX-50t	50	50	70	105
VRBS-FIX-100t	100	100	140	210

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

VRBS-FIX

- Pivots up to 180°.
- No subsurface corrosion: circumferential HY weld seam.
- 100 % WLL at 90° in the load ring plane possible.

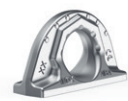
Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

INOX-ABA – stainless and corrosions resistant

Attachment type				
Number of strands	1	1	2	3 + 4
Inclination angle <α	0°	90°	0–45° [1]	0–45° [1]
Type	**Safety factor 5:1 in lbs**			
INOX-ABA-0.8t	5,290	1,410 (5,290)	1,990 (7,480)	2,990 (11,220)
INOX-ABA-1.6t	8,810	2,820 (8,810)	3,980 (12,450)	5,980 (18,680)
INOX-ABA-2.7t	13,220	4,750 (13,220)	6,710 (18,690)	10,070 (28,040)
Type	**Safety factor 4:1 in tonnes**			
INOX-ABA-0.8t	3	0.8 (3)	1.12 (4.25)	1.7 (6.3)
INOX-ABA-1.6t	5	1.6 (5)	2.2 (7.1)	3.4 (10.6)
INOX-ABA-2.7t	7.5	2.7 (7.5)	3.8 (10.5)	5.7 (15.75)

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.
( ) = Higher WLL by optimised attachment or application.



INOX-ABA

- Closed and circumferential fillet weld thus no subcorrosion.
- Made of Duplex Steel 1.4462.

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

LIFTING POINTS – FOR WELDING

VLBS/VLBS-U – VIP-weldable load ring /
VIP-Load ring weldable-captive

Attachment type				
Number of strands	1	1	2	3 + 4
Inclination angle <α	0°	90°	0–45° [1]	0–45° [1]
Type	**Safety factor 5:1 in lbs**			
VLBS-1.5t	2,640	2,640	3,730	5,600
VLBS-2.5t	4,400	4,400	6,220	9,330
VLBS-4t	7,040	7,040	9,950	14,930
VLBS-6.7t	11,810	11,810	16,700	25,050
VLBS-10t	17,630	17,630	24,930	37,400
VLBS-16t	28,220	28,220	39,900	59,860
Type	**Safety factor 4:1 in tonnes**			
VLBS-1.5t	1.5	1.5	2.1	3.15
VLBS-2.5t	2.5	2.5	3.5	5.25
VLBS-4t	4	4	5.6	8.4
VLBS-6.7t	6.7	6.7	9.5	14.1
VLBS-10t	10	10	14	21.2
VLBS-16t	16	16	22.4	33.6

[1] At inclination angles > 45–60° the WLL must be reduced by 30 %.

VLBS/VLBS-U

- Suspension ring pivots 180°.
- 100 % WLL at 90° in the load ring plane possible.
- Suspension ring can be adjusted.

Safety factor 5:1 and 4:1 for max. total load weight, tightened and aligned in direction of pull.

ADVICE!
If the load is distributed asymmetrically, a single lashing point must be able to bear the entire load!

Please regard the RUD user instructions!
Service and inspection at regular intervalls. Correct handling.

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