



The high-quality products, marked with the BULL-LIFTING logo, guarantee safety and reliability in all load carrying operations.

All products of the BULL-LIFTING brand are distinguished by the following:

1. Quality that is more than reliable and fully corresponds to the high requirements of the European and the International market.
2. TÜV certificate for correspondence with the European standards – all BULL-LIFTING products are carefully tested and strictly certified by the TÜV Rheinland group; the performed tests are both for the input materials and for the technical and quality parameters. Each BULL-LIFTING product comes with a relevant TÜV certificate, with recognizable CE marking and

corresponds to all European requirements.

3. Additional guarantee and high assurance for the client – thanks to the special “Product liability” insurance concluded with a leading International insurance company for all BULL-LIFTING products, all our clients receive even more reliability.
4. Patented and officially registered trademark.
5. Our own unique design.
6. Reliable after-sale service and available spare parts – all BULL-LIFTING products are secured with spare parts which can be delivered to the client; if necessary, the products can also be repaired in the specialized company service.
7. Environmental care – all BULL-LIFTING products are environmental friendly and all the packings can be recycled.

### CERTIFICATES



REGISTERED TRADE MARK



1. High-strength load chains and chain slings, grade 8 and 10;
2. Webbing and round slings;
3. Wire rope slings;
4. All kind of riggings – master links, hooks, shackles, connecting links, etc;
5. Vertical and horizontal lifting clamps;

6. Lever and chain hoists;
7. Ratchet load binders;
8. Lifting magnets;
9. Clamps for special purpose – drum clamps, concrete pipe clamps, steel pipe clamps with protection, beam clamps etc

### CERTIFICATES TÜV

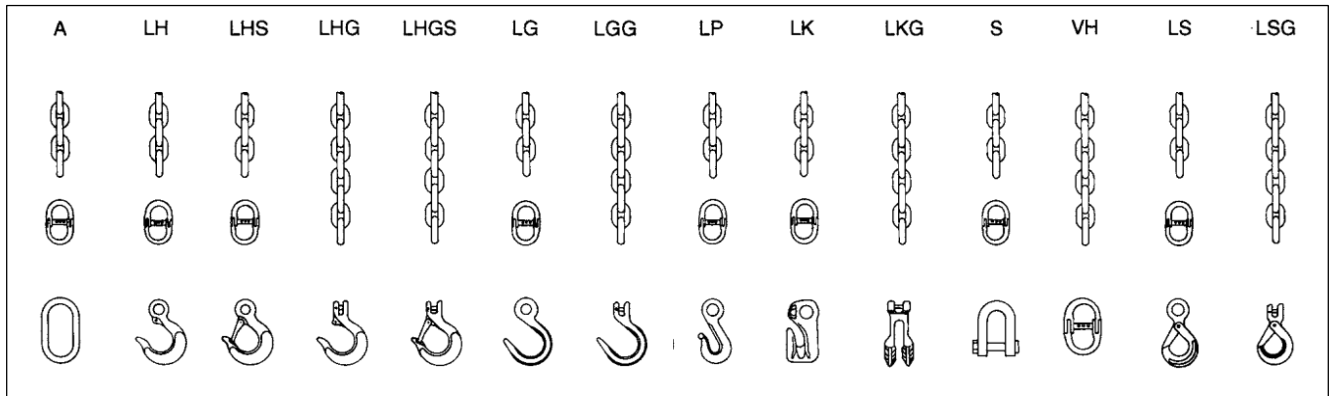
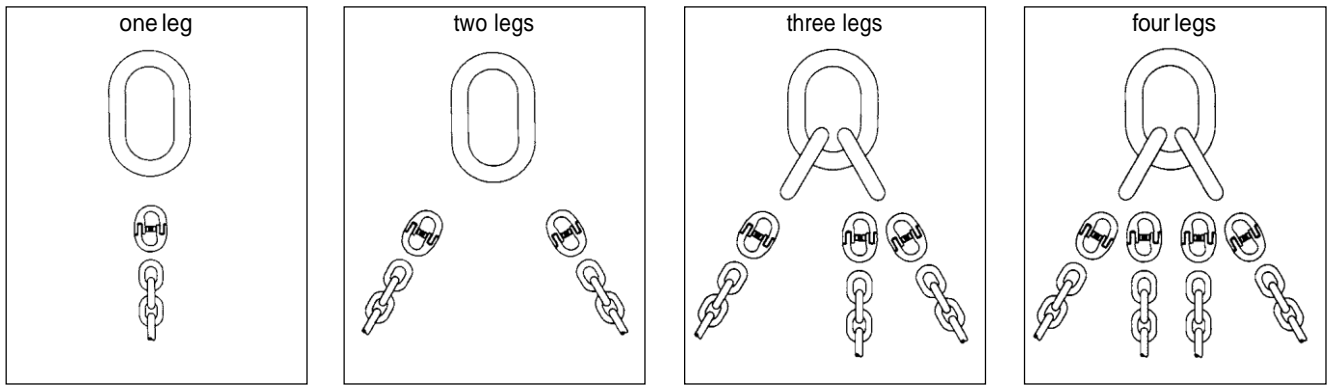


# LIFTING EQUIPMENT

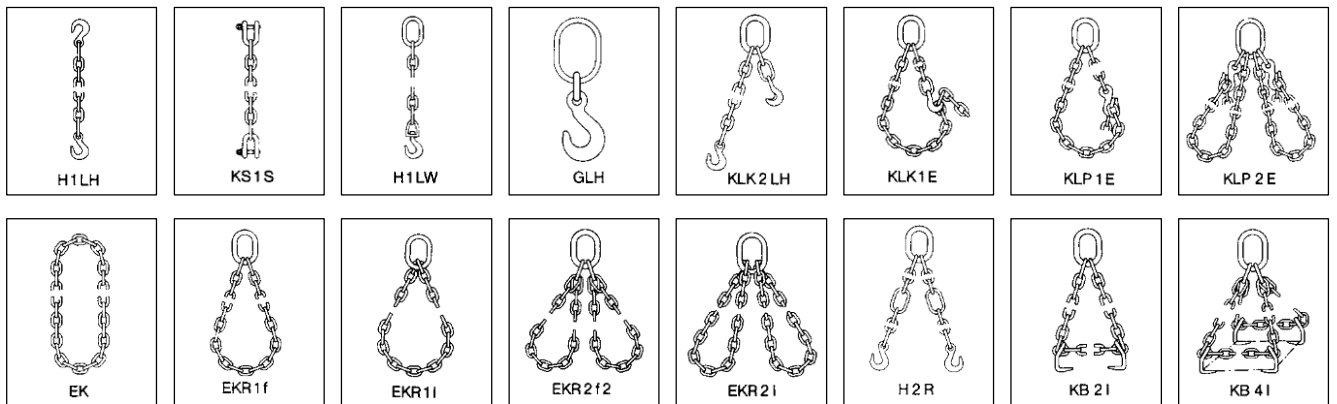


*Slings*

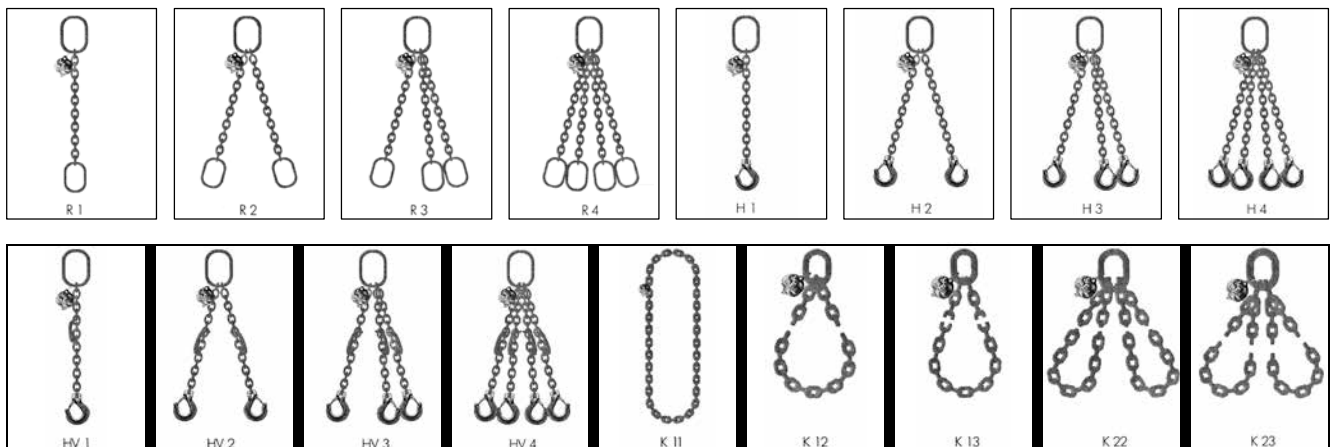
## CHAIN SLINGS GRADE 80 AND GRADE 100, MAIN CONFIGURATIONS



## CHAIN SLINGS GRADE 80 – OTHER CONFIGURATIONS



## CHAIN SLINGS GRADE 100 – OTHER CONFIGURATIONS



## WORKING LOAD LIMIT OF CHAINS AND CHAIN SLINGS GRADE 80

### WORKING LOAD LIMIT OF CHAINS G 80 ACC EN 818-2

Article	Nominal diameter of the chain in mm	WLL kg	Weight kg/m	Sizes in mm		
				d	t	b
chain EN 818-2 	6 - 8	1.120	0,80	6	18	21
	7 - 8	1.500	1,10	7	21	24
	8 - 8	2.000	1,40	8	24	28
	10 - 8	3.150	2,20	10	30	35
	13 - 8	5.300	3,80	13	39	46
	16 - 8	8.000	5,70	16	48	57
	18 - 8	10.000	7,30	18	54	64
	19 - 8	10.000	7,30	19	57	68
	20 - 8	12.500	9,00	20	60	70
	22 - 8	15.000	10,90	22	66	78
	26 - 8	21.200	15,20	26	78	91
	32 - 8	31.500	23,00	32	96	115

### WORKING LOAD LIMITS OF CHAIN SLINGS G 80, IN TON

1	2	3	4	5	6	7	8	9	10
	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°		0° - 45°	45° - 60°
11	12	13	14	15	16	17	18	19	
			0°	0° - 25°	25° - 45°	45° - 60°	0° - 45°	45° - 60°	

Way of use	Nominal diameter of the chain in mm																
	6	7	8	10	13	16	18	20	22	26	28	32	36	40	45	50	56
1	1,12	1,50	2,00	3,15	5,30	8,00	10,00	12,50	15,00	21,20	25,00	31,50	40,00	50,00	63,00	80,00	100,00
2	1,60	2,12	2,80	4,25	7,50	11,20	14,00	17,00	21,20	30,00	33,50	45,00	56,00	71,00	90,00	112,00	140,00
3	1,12	1,50	2,00	3,15	5,30	8,00	10,00	12,50	15,00	21,20	25,00	31,50	40,00	50,00	63,00	80,00	100,00
4	2,36	3,15	4,25	6,70	11,20	17,00	21,20	26,50	31,50	45,00	50,00	67,00	85,00	106,00	132,00	168,00	212,00
5	1,70	2,25	3,00	4,75	8,00	11,80	15,00	19,00	22,40	31,50	37,50	47,50	60,00	75,00	95,00	120,00	150,00
6	2,36	3,15	4,25	6,70	11,20	17,00	21,20	26,50	31,50	45,00	50,00	67,00	85,00	106,00	132,00	168,00	212,00
7	1,70	2,25	3,00	4,75	8,00	11,80	15,00	19,00	22,40	31,50	37,50	47,50	60,00	75,00	95,00	120,00	150,00
8	0,90	1,25	1,60	2,50	4,25	6,30	8,00	10,00	11,80	17,00	20,00	25,00	31,50	40,00	50,00	64,00	80,00
9	1,25	1,70	2,24	3,55	6,00	9,00	11,20	14,00	17,00	23,60	28,00	35,50	45,00	56,00	71,00	89,60	112,00
10	0,90	1,25	1,60	2,50	4,25	6,30	8,00	10,00	11,80	17,00	20,00	25,00	31,50	40,00	50,00	64,00	80,00
11	1,80	2,50	3,15	5,00	8,50	12,50	16,00	20,00	23,60	33,50	40,00	50,00	63,00	80,00	100,00	128,00	160,00
12	2,24	3,00	4,00	6,30	10,60	16,00	20,00	25,00	30,00	42,40	50,00	63,00	80,00	100,00	126,00	160,00	200,00
13	4,48	6,00	8,00	12,60	21,20	32,00	40,00	50,00	60,00	84,80	100,00	126,00	140,00	200,00	252,00	320,00	400,00
14	1,80	2,50	3,15	5,00	8,50	12,50	16,00	20,00	23,60	33,50	40,00	50,00	63,00	80,00	100,00	128,00	160,00
15	1,60	2,24	2,80	4,50	7,50	11,20	15,00	18,00	22,40	30,00	35,50	47,50	60,00	71,00	90,00	116,00	145,00
16	1,25	1,70	2,24	3,55	6,00	9,00	11,20	14,00	17,00	23,60	28,00	35,50	45,00	56,00	71,00	89,60	112,00
17	0,90	1,25	1,60	2,50	4,25	6,30	8,00	10,00	11,80	17,00	20,00	25,00	31,50	40,00	50,00	64,00	80,00
18	1,90	2,50	3,35	5,30	9,00	13,20	17,00	21,20	25,00	35,50	42,50	53,00	67,00	85,00	106,00	136,00	170,00
19	1,32	1,80	2,36	3,75	6,30	9,50	12,50	15,00	18,00	25,00	30,00	37,50	47,50	60,00	75,00	96,00	120,00

WLL when using the slings in hot environment:




















from -40°C to +200°C	from +200°C to +300°C	from +300°C to +400°C
100%	90%	75%

## WORKING LOAD LIMIT OF CHAINS AND CHAIN SLINGS GRADE 100

### WORKING LOAD LIMIT OF CHAINS G 100 ACCEN 818-2

Article	Nominal diameter of the chain in mm	WLL kg	Weight kg/m	Sizes in mm		
				d	t	b
chain EN 818-2 	6	1,400	0,80	6	18	21
	7	1,900	1,10	7	21	24
	8	2,500	1,50	8	24	28
	10	4,000	2,40	10	30	35
	13	6,700	4,00	13	39	46
	16	10,000	6,00	16	48	57
	18	12,500	7,30	18	54	64
	19	14,000	8,10	19	57	70
	20	16,000	9,00	20	60	70
	22	19,000	10,90	22	66	78
	23	20,000	11,80	23	69	82
	26	26,500	15,20	26	78	91

### WORKING LOAD LIMITS OF CHAIN SLINGS G 100, IN TON

1	2	3	4	5	6	7	8	9	10
									
	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°		0° - 45°	45° - 60°
11	12	13	14	15	16	17	18	19	
									
			0°	0° - 25°	25° - 45°	45° - 60°	0° - 45°	45° - 60°	

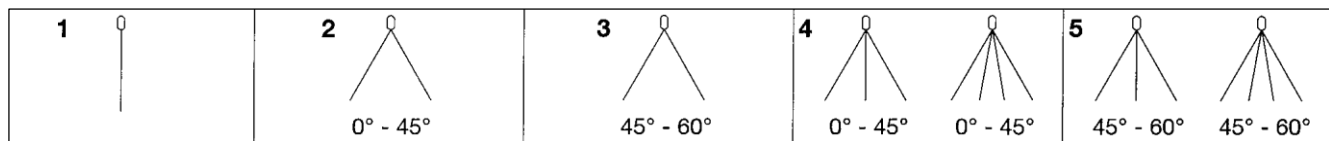
Way of use	Nominal diameter of the chain in mm											
	6	7	8	10	13	16	18	19	20	22	23	26
1	1,40	1,90	2,50	4,00	6,70	10,00	12,50	14,00	16,00	19,00	20,00	26,50
2	1,96	2,66	3,50	5,60	9,38	14,00	17,50	19,60	22,40	26,60	28,00	37,10
3	1,40	1,90	2,50	4,00	6,70	10,00	12,50	14,00	16,00	19,00	20,00	26,50
4	2,94	3,99	5,25	8,40	14,07	21,00	26,25	29,40	33,60	39,90	42,00	55,65
5	2,10	2,85	3,75	6,00	10,05	15,00	18,75	21,00	24,00	28,50	30,00	39,75
6	2,94	3,99	5,25	8,40	14,07	21,00	26,25	29,40	33,60	39,90	42,00	55,65
7	2,10	2,85	3,75	6,00	10,05	15,00	18,75	21,00	24,00	28,50	30,00	39,75
8	1,12	1,52	2,00	3,20	5,36	8,00	10,00	11,20	12,80	15,20	16,00	21,20
9	1,568	2,128	2,80	4,48	7,504	11,20	14,00	15,68	17,92	21,28	22,40	29,68
10	1,12	1,52	2,00	3,20	5,36	8,00	10,00	11,20	12,80	15,20	16,00	21,20
11	2,24	3,04	4,00	6,40	10,72	16,00	20,00	22,40	25,60	30,40	32,00	42,40
12	2,80	3,80	5,00	8,00	13,40	20,00	25,00	28,00	32,00	38,00	40,00	53,00
13	5,60	7,60	10,00	16,00	26,80	40,00	50,00	56,00	64,00	76,00	80,00	106,00
14	2,24	3,04	4,00	6,40	10,72	16,00	20,00	22,40	25,60	30,40	32,00	42,40
15	2,03	2,755	3,625	5,80	9,715	14,50	18,125	20,30	23,20	27,55	29,00	38,425
16	1,568	2,128	2,80	4,48	7,504	11,20	14,00	15,68	17,92	21,28	22,40	29,68
17	1,12	1,52	2,00	3,20	5,36	8,00	10,00	11,20	12,80	15,20	16,00	21,20
18	2,38	3,23	4,25	6,80	11,39	17,00	21,25	23,80	27,20	32,30	34,00	45,05
19	1,68	2,28	3,00	4,80	8,04	12,00	15,00	16,80	19,20	22,80	24,00	31,80

## WLL COMPARISON BETWEEN GRADE 80 AND GRADE 100 CHAIN SLINGS

The grade 100 chains and equipments have a 25% bigger WLL than the grade 80 items. That allows a smaller diameter of lifting chain and components to be used for lifting the same load. However, it must be noticed that up to 16 mm the grade 100 items can only partly substitute the grade 80 items. The bottom chart clarifies this – it is shown a WLL comparison between grade 100 and grade 80 with the most common types of chain slings (with 1 to 4 legs and lifting angle of 45 and 45-60°).

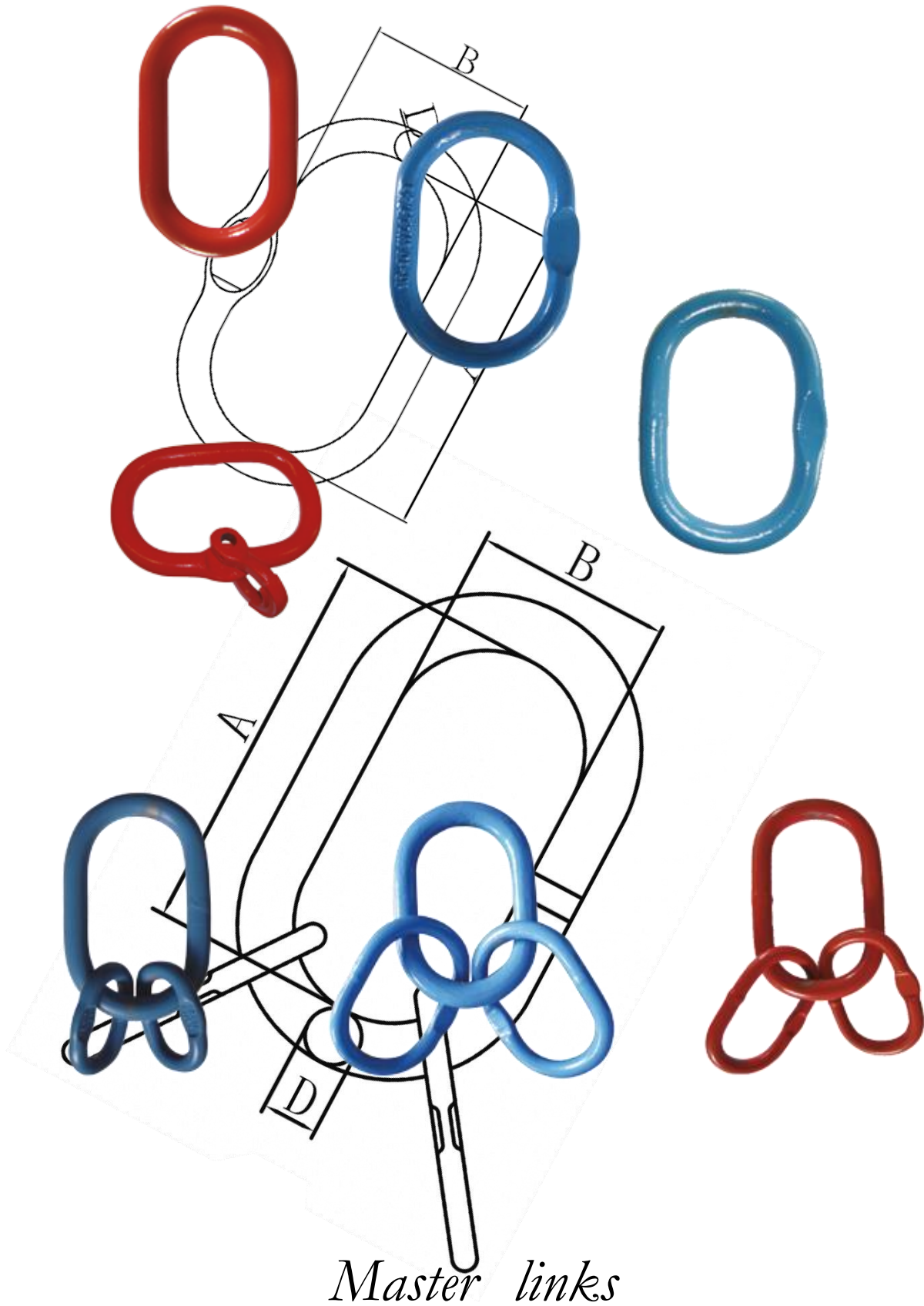
For example, for lifting of a load of 2400 kg with a single-legged sling you may use both 10mm chain grade 80 and 8 mm chain grade 100. The weight of 1 meter of the 8 mm chain grade 100 is significantly smaller than the weight of 1 meter of the 10mm chain grade 80. That spares approx. 37% of the whole single-legged sling's weight. If the sling is with longer legs the weight difference gets even bigger. In this case the use of a grade 100 chain gives an advantage because the whole sling gets lighter. However, if you must lift load of 2800 kg with a single-legged sling, you may only use 10mm chain, no matter the grade. So, in that case grade 100 chains do not give any advantage.

With the bellow shown comparing chart you can easily and quickly choose the chain grade which is most appropriate for you.



Chains	WLL in kg				
	Grade 80	Grade 100	Grade 80	Grade 100	Grade 80
6 / GK 8	1.120	1.600	1.120	2.360	1.700
6 / GK 10	1.400	1.960	1.400	2.940	2.100
7 / GK 8	1.500	2.120	1.500	3.150	2.250
7 / GK 10	1.900	2.660	1.900	3.990	2.850
8 / GK 8	2.000	2.800	2.000	4.250	3.000
8 / GK 10	2.500	3.500	2.500	5.250	3.750
10 / GK 8	3.150	4.250	3.150	6.700	4.750
10 / GK 10	4.000	5.600	4.000	8.400	6.000
13 / GK 8	5.300	7.500	5.300	11.200	8.000
13 / GK 10	6.700	9.380	6.700	14.070	10.050
16 / GK 8	8.000	11.200	8.000	17.000	11.800
16 / GK 10	10.000	14.000	10.000	21.000	15.000
18 / GK 8	10.000	14.000	10.000	21.200	15.000
18 / GK 10	12.500	17.500	12.500	26.250	18.750
19 / GK 8	10.000	14.000	10.000	21.200	15.000
19 / GK 10	14.000	19.600	14.000	29.400	21.000
20 / GK 8	12.500	17.000	12.500	26.500	19.000
20 / GK 10	16.000	22.400	16.000	33.600	24.000
22 / GK 8	15.000	21.200	15.000	31.500	22.400
22 / GK 10	19.000	26.600	19.000	39.900	28.500
26 / GK 8	21.200	30.000	21.200	45.000	31.500
26 / GK 10	26.500	37.100	26.500	55.650	39.750


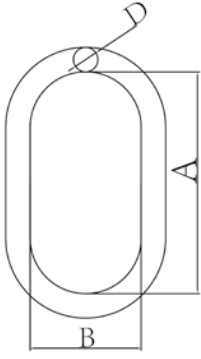
# RIGGING





## SINGLE MASTER LINK, TYPE BULL 033, FOR CHAIN ACCORDING EN818-2

- Standard: EN 1677-4 (previously DIN 5688-3)
- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test and fatigue test of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for one and two-legged slings

		Marking	EN818-2 chain Grade80		Weight (kg)	WLL (T)	Sizes (mm)		
			for one leg	for two legs			A	B	D
		8-Bull033-76	7	6	0.34	1.6	110	60	13
		8-Bull 033-87	8	7	0.54	2.12	110	60	16
		8-Bull033-108	10	8	0.82	3.15	135	75	18
		8-Bull 033-1310	13	10	1.5	5.3	160	90	22
		8-Bull 033-1613	16	13	2.3	8	180	100	26
		8-Bull 033-1816	18	16	3.95	11.2	200	110	32
		8-Bull 033-2018	20	18	6.34	14	260	140	36
		8-Bull 033-2220	22	20	8.96	17	300	160	40
		8-Bull 033-2622	26	22	12.8	21.2	340	180	45
		8-Bull 033-3226	32	26	16.55	31.5	350	190	50
		8-Bull 033-3632	36	32	23.28	45	400	200	56
8-Bull 033-4036	40	36	32	56	430	220	63		
8-Bull 033-72MM	45	40	45.76	63	460	250	72		
8-Bull 033-80MM	-	45	62	85.46	500	270	80		


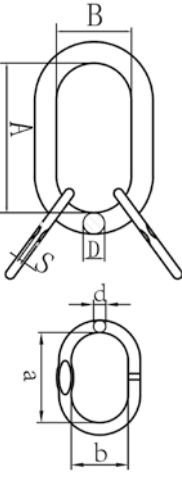
Safety factor: 4:1. The shown WLLs are for working with an angle of 0–45°. The marking is mandatory.

Description	Chain size	Grade 80	WLL	Manufacturer	CE marking	Batch №
Mark	76	-8	1.6T	Bull	CE	11-1



## MASTER LINK ASSEMBLY, TYPE BULL 032

- Standard: EN 1677-4 (previously DIN 5688-3)
- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test and fatigue test of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for three and four-legged slings

		Marking	EN818-2 chain Grade 80 for three or four legs	Weight (kg)	WLL (T)	Sizes (mm)					
						A	B	D	a	b	d
		8-Bull032-6	6	1.18	2.36	135	75	18	54	25	13
		8-Bull 032-7	7	1.24	3.15	135	75	18	60	38	13
		8-Bull032-8	8	2.2	4.25	160	90	22	70	34	16
		8-Bull 032-10	10	3.4	6.7	180	100	26	85	40	18
		8-Bull032-13	13	6.1	11.2	200	110	32	115	50	22
		8-Bull 032-16	16	9.98	17	260	140	36	140	65	26
		8-Bull032-18	18	18.9	21.2	340	180	45	180	100	32
		8-Bull 032-20	20	22.6	26.5	350	190	50	180	100	32
		8-Bull 032-22	22	25.2	31.5	350	190	50	180	100	36
		8-Bull 032-26	26	35.2	45	400	200	56	180	100	40
		8-Bull 032-28	28	47	50	430	220	63	180	100	45
8-Bull 032-32	32	66.46	63	460	250	72	200	110	50		

Safety factor: 4:1. The shown WLLs are for working with an angle of 0–45°. The marking is mandatory.


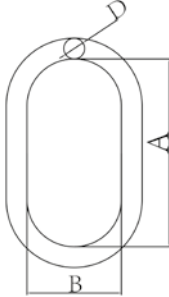
Description	Chain size	Grade 80	WLL	Manufacturer	CE marking	Batch №
Mark	6	-8	2.36 T	Bull	CE	11-1



**Caution! Never exceed the shown WLL!**

## SINGLE MASTER LINKS WITH A LARGE OPENING, TYPE BULL 487

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test and fatigue test of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for one and two-legged slings

		Marking	EN818-2 chain Grade80		Weight (kg)	WLL (T)	Sizes (mm)		
			for one leg	for two legs			A	B	D
		8-Bull487-87	8	7	0.38	2.7	120	70	13
		8-Bull487-108	10	8	0.67	3.5	140	80	16
		8-Bull487-1310	13	10	1.20	5.5	160	95	20
		8-Bull487-1613	16	13	2.45	9.4	190	110	26
		8-Bull487-2016	20	16	4.48	14.2	230	130	32
		8-Bull487-2220	22	20	7.50	22.30	275	150	38
		8-Bull487-2622	26	22	12.80	33.50	340	180	45
		8-Bull487-3226	32	26	16.55	40.8	350	190	50
8-Bull487-3632	36	32	23.28	56.8	400	200	56		


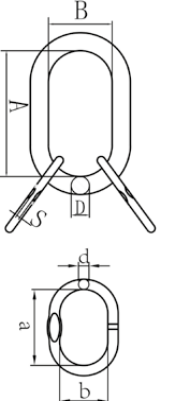
Safety factor: 4:1. The marking is mandatory.

Description	Chain size	Grade 80	WLL	Manufacturer	CE marking	Batch №
Mark	87	-8	2.7T	Bull	CE	11-1



## MASTER LINK ASSEMBLY WITH A LARGE OPENING, TYPE BULL 488

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test and fatigue test of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for three and four-legged slings
- With bigger bottom links

		Marking	EN818-2 chain Grade 80	Weight (kg)	WLL (T)	Sizes (mm)					
						for three or four legs	A	B	D	a	b
		8-Bull488-7	7	1.90	5.5	160	95	20	110	60	13
		8-Bull488-8	8	2.82	6.65	160	95	22	140	80	16
		8-Bull488-10	10	4.87	9.4	190	110	26	160	95	20
		8-Bull488-13	13	9.38	14.2	230	130	32	190	110	26
		8-Bull488-16	16	15.28	22.3	275	150	38	230	130	30
		8-Bull488-20	20	21.78	33.5	340	180	45	230	130	32
		8-Bull488-22	22	31.52	40.8	350	190	50	275	150	38
		8-Bull488-26	26	48.92	56.8	400	200	56	340	180	45

Safety factor: 4:1. The marking is mandatory.

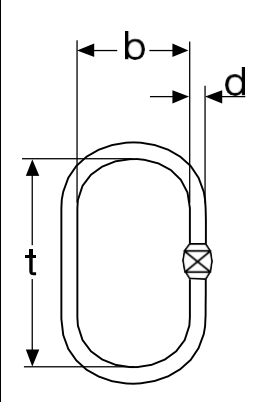

Description	Chain size	Grade 80	WLL	Manufacturer	CE marking	Batch №
Mark	7	-8	5.5T	Bull	CE	11-1



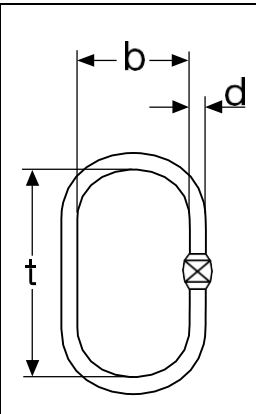

**Caution! Never exceed the shown WLL!**

- Material: improved alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With an individual test, 2.5 times the WLL
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Suitable for grade 100 chains
- Color: blue RAL 5015
- All sizes of the single master links are forged, without welding
- All sizes of the master link assemblies are with forged main body, with welded bottom links

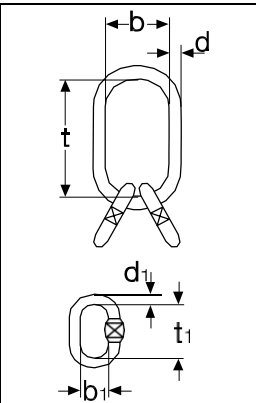

## SINGLE MASTER LINKS, TYPE BULL 381 A1

		Chain diameter	WLL (kg)	Weight (kg/piece)	Sizes (mm)		
					d	t	b
		6 - 10	1.400	0,34	13	110	60
		7 - 10	1.900	0,34	13	110	60
		8 - 10	2.500	0,55	16	110	60
		10 - 10	4.000	0,82	18	135	75
		13 - 10	6.700	1,50	22	160	90
		16 - 10	10.000	2,40	26	180	100
		20 - 10	16.000	6,35	36	260	140
		22 - 10	19.000	8,80	40	300	160
		26 - 10	26.500	12,80	45	340	180
		32 - 10	40.000	17,20	51	350	190


## SINGLE MASTER LINKS, TYPE BULL 381 A2

		Chain diameter	WLL (kg)	Weight (kg/piece)	Sizes (mm)		
					d	t	b
		6 - 10	2.000	0,34	13	110	60
		7 - 10	2.660	0,55	16	110	60
		8 - 10	3.500	0,82	18	135	75
		10 - 10	5.600	1,50	22	160	90
		13 - 10	9.400	2,40	26	180	100
		16 - 10	14.000	4,00	32	200	140
		20 - 10	22.400	9,00	40	300	160
		22 - 10	26.600	12,80	45	340	180
		26 - 10	37.100	17,20	51	350	190
		32 - 10	56.000	24,20	57	400	200

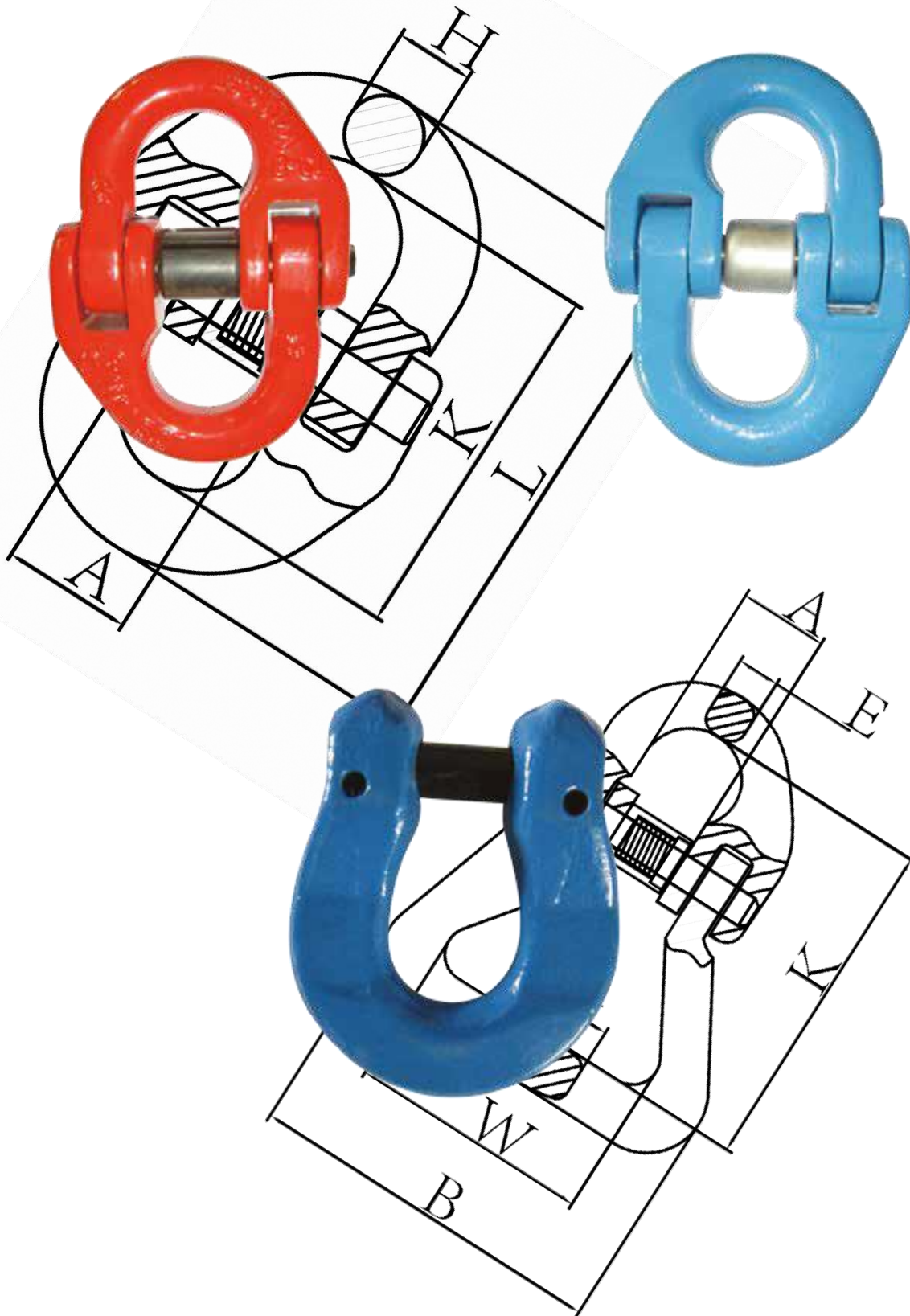
## MASTER LINK ASSEMBLY, TYPE BULL 382 KG

		Chain diameter	WLL (kg)	Weight (kg/piece)	Sizes (mm)					
					d	t	b	d1	t1	b1
		6 - 10	2.940	1,16	18	135	75	13	54	25
		7 - 10	4.000	1,16	18	135	75	13	54	25
		8 - 10	5.250	2,22	22	160	90	16	70	34
		10 - 10	8.000	3,36	26	180	100	18	85	40
		13 - 10	14.000	6,02	32	200	110	22	115	50
		16 - 10	21.000	9,95	36	260	140	26	140	65
		20 - 10	33.600	23,90	51	350	190	32	150	70
		22 - 10	40.000	27,10	51	350	190	36	170	75
		26 - 10	55.650	35,20	57	400	200	40	170	80

Safety factor: 4:1. The marking is mandatory.

Description	Chain size	Grade 80	WLL	Manufacturer	CE marking	Batch №
Mark	108	-10	5 T	Bull		11-1

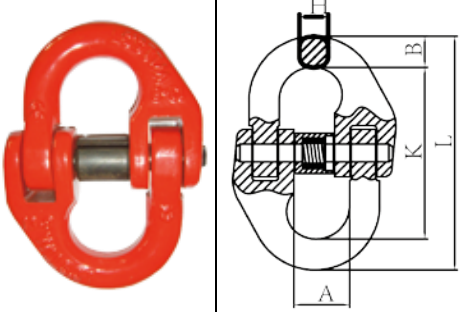
**Caution! Never exceed the shown WLL!**



*Connecting links*

## CONNECTING LINKS FOR CHAIN TYPE BULL 074

- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100 % control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80
- Also available from stainless steel

	Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±1.5	B±1	L±2.5	K±2	H±1
	8-Bull 074-06	0.08	1.12	4.48	15	7.5	58	42	7
	8-Bull 074-7	0.145	1.5	6	19	8.5	71.8	54.8	8.5
	8-Bull 074-7/8	0.146	2	8	18	9.5	79.5	60.5	8.5
	8-Bull 074-8	0.16	2	8	19.5	9.5	79.5	60.5	8.5
	8-Bull 074-10	0.30	3.15	12.6	25	12	90.5	68	11.5
	8-Bull 074-13	0.65	5.3	21.2	29	15	117	87	15
	8-Bull 074-16	1.15	8	32	34.5	19.8	148	108.4	19.8
	8-Bull 074-18	1.84	10	40	38	21	154	112	21
	8-Bull 074-20	2.1	12.5	50	41	24	169.5	121.5	24
	8-Bull 074-22	2.87	15	60	48	26	193.5	141.5	26
	8-Bull 074-26	4.5	21.2	84.8	57.5	31	220	158	30
	8-Bull 074-32	8.21	31.5	126	67	38	281	205	37

Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

## CONNECTING LINKS FOR WEBBINGS, TYPE BULL 001

- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for webbing slings EN 1492

	Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±1.5	B±2	K±2	W±2	G±1	E±1
	8-Bull 001-06	0.2	1.12	4.48	15	60	56	40	18	7
	8-Bull 001-7/8	0.3	2.0	8.0	20	61.5	63.7	40	24	9.5
	8-Bull 001-10	0.68	3.15	12.6	24	66	83	39	30.5	11
	8-Bull 001-13	1.47	5.3	21.2	28	88	93.7	55	36.8	16.5
	8-Bull 001-16	2.3	8	32	34.5	108	120	65.5	45.2	19.8
	8-Bull 001-20	3.3	12.5	50	41	129	138	80	51.8	23
	8-Bull 001-22	6.89	15	60	50	191	180	126	70	26
	8-Bull 001-26	10.62	21.2	84.8	58	228.4	209.5	152	32	30
	8-Bull 001-32	18.92	31.5	126	72.5	252	279	160	91	55


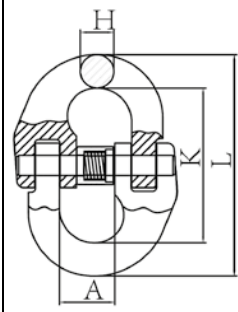
Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**


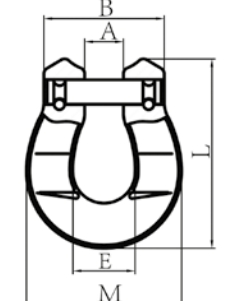
### CONNECTING LINKS FOR CHAINS, TYPE BULL 1001

- Material: improved alloy steel, heat treated and hardened
- The WLL is 25% bigger than grade 80
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magneto-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Suitable for grade 100 chains
- Color: blue RAL 5015

			Marking	Weight (kg)	WLL (T)	Breaking load (T)	H±1	A±1.5	K±2	L±2.5
			10-Bull 1001-06	0.1	1.4	5.6	7.6	14	44.5	60
10-Bull 1001-08	0.22	2.5	10	10	18.5	61.5	84.5			
10-Bull 1001-10	0.45	4	16	12.6	23	72	97.2			
10-Bull 1001-13	1.15	6.7	26.8	16.8	27.5	89	127			
10-Bull 1001-16	1.75	10	40	21	33.5	103	145			
10-Bull 1001-20	2.7	16	64	24.5	42	116	175			
10-Bull 1001-22	4.02	19	76	27	48	135	193			
10-Bull 1001-26	5.1	26.5	106	32	61	164	228			
10-Bull 1001-32	8.50	39.3	157.2	40	80	194	274			


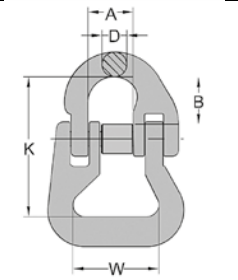
### CONNECTING LINKS OMEGA, TYPE BUL 1027

- Material: improved alloy steel, heat treated and hardened
- The WLL is 25% bigger than grade 80
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Suitable for grade 100 chains
- Color: blue RAL 5015

			Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±0.5	B±2	E±1.5	M±2	L±1
			10-Bull 1027-06	0.12	1.4	5.6	8.5	32.5	20	44	55
10-Bull 1027-08	0.27	2.5	10	10.5	42	24	60	73.5			
10-Bull 1027-10	0.44	4	16	12.5	48.5	31	70	90			
10-Bull 1027-13	0.89	6.7	26.8	16	60	38.5	90	109			
10-Bull 1027-16	1.69	10	40	19	75.5	51	112	141.5			

### CONNECTING LINKS FOR WEBBINGS, TYPE YK016

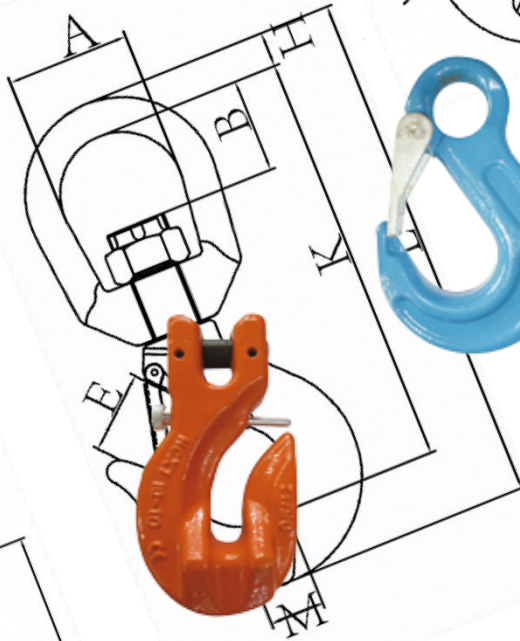
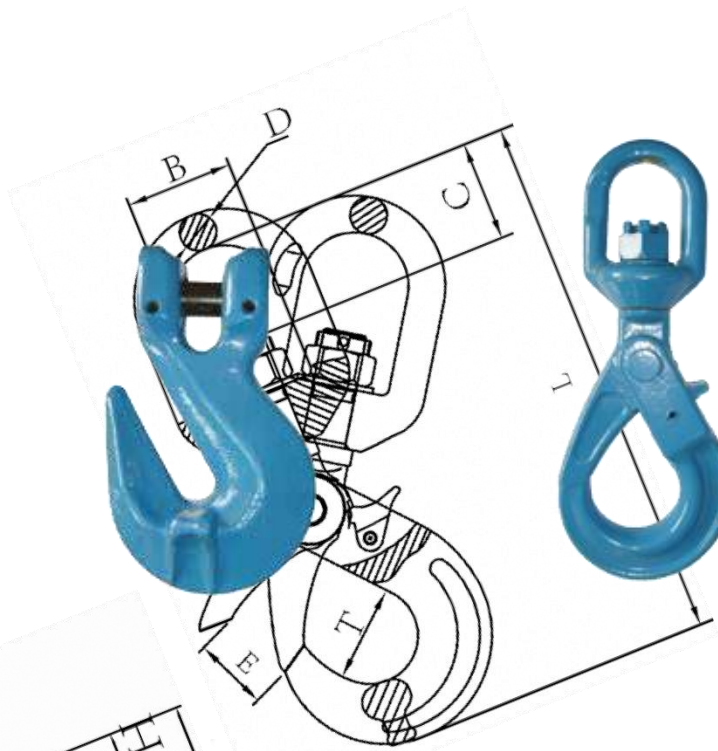
- Material: improved alloy steel, heat treated and hardened
- The WLL is 25% bigger than grade 80
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Suitable for grade 100 riggings
- Color: blue RAL 5015

			Marking	WLL (T)	Sizes (mm)					Weight (kg)
					A	B	D	K	W	
X-016-06	1.4	15	17	7	55	38	0.2			
X-016-07	2.5	18	22	9	62	40	0.3			
X-016-10	4.0	25	26	11	78	47	0.6			
X-016-13	6.7	30	35	16	95	53	1.1			
X-016-16	10.0	36	38	19	115	67	2.0			
X-016-20	16.0	42	46	22	132	80	3.3			
X-016-22	19.0	49	59	24	187	125	7.7			

Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-10	4 T	Bull	CE	11-1


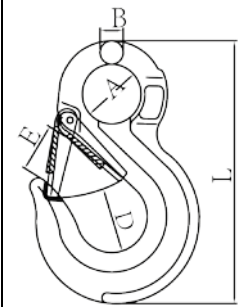
**Caution! Never exceed the shown WLL!**




*Hooks*

## EYE HOOKS WITH A SAFETY LATCH TYPE BULL 013

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With a cast safety latch
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	B±1	E±1	D±1	A±1	L±2
		8-Bull 013-06	0.3	1.12	4.48	9	24	21	20	108
		8-Bull 013-7/8	0.4	2.0	8.0	11	30	26	25	133
		8-Bull 013-10	0.9	3.15	12.6	15	34	39	38	167
		8-Bull 013-13	1.7	5.3	21.2	19	39	54	43	213
		8-Bull 013-16	3.2	8	32	23	46	64	50	255
		8-Bull 013-20	5.8	12.5	50	24	40	80	62	305
		8-Bull 013-22	8.5	15	60	32	71	80	62	348
		8-Bull 013-26	13	21.2	84.8	35	81	82	64	394
8-Bull 013-32	17	31.5	126	37	102	112	88	480		

### Spare parts – a set type SP-BULL 013

	Marking	Size	Marking	Size
	SP-Bull 013-6	6-8	SP-Bull 074-20	20-8
	SP-Bull 013-7/8	7/8-8	SP-Bull 074-22	22-8
	SP-Bull 013-10	10-8	SP-Bull 074-26	26-8
	SP-Bull 013-13	13-8	SP-Bull 074-32	32-8
	SP-Bull 013-16	16-8		


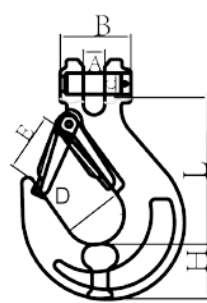
This set includes: cast safety latch, screw, nut and a spring – galvanized

Safety factor: 4:1. The marking is mandatory.

Description	Mark
Size / Grade	10-8
WLL	3.15 T
Manufacturer	Bull
CE marking	<b>CE</b>
Batch №	11-1

## CLEVIS HOOKS WITH A SAFETY LATCH, TYPE BULL 012


- Material: stainless alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100 % control and test of the loading pins
- With a cast safety latch
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±0.5	B±1.5	D±1	H±1	L±2	E±2
		8-Bull 012-06	0.32	1.12	4.48	8	32	35	23	76	26
		8-Bull 012-7/8	0.48	2.0	8.0	9.5	37	37	32.5	85.5	29
		8-Bull 012-10	0.95	3.15	12.6	13	49	46	35	104	39
		8-Bull 012-13	1.8	5.3	21.2	16.5	56.5	56	42.5	128	47
		8-Bull 012-16	3.4	8	32	21.5	70.5	60	54	150	55
		8-Bull 012-20	6	12.5	50	24	77	79	58	180	61
		8-Bull 012-22	10.4	15	60	27	91	101	62	213	72
		8-Bull 012-26	14.5	21.2	84.8	30	117	115	75	250	85
		8-Bull 012-32	27.0	31.5	126	35	150	140	88	317	106


Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	<b>CE</b>	11-1

### Spare parts – loading pin type BULL 012

	Marking	Size	Marking	Size
	SP-Bull 012-6	6-8	SP-Bull 012-20	20-8
	SP-Bull 012-7/8	7/8-8	SP-Bull 012-22	22-8
	SP-Bull 012-10	10-8	SP-Bull 012-26	26-8
	SP-Bull 012-13	13-8	SP-Bull 012-32	32-8
	SP-Bull 012-16	16-8		

### Spare parts – loading set type BULL 012

	Marking	Size	Marking	Size
	SP-Bull 012-6	6-8	SP-Bull 012-20	20-8
	SP-Bull 012-7/8	7/8-8	SP-Bull 012-22	22-8
	SP-Bull 012-10	10-8	SP-Bull 012-26	26-8
	SP-Bull 012-13	13-8	SP-Bull 012-32	32-8
	SP-Bull 012-16	16-8		

The set includes: cast safety latch, screw, nut and a spring – galvanized

**Caution! Never exceed the shown WLL!**



## SWIVEL HOOKS WITHOUT A BEARING, TYPE BULL 040, NO ROTATION UNDER LOAD

- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With a safety latch
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80


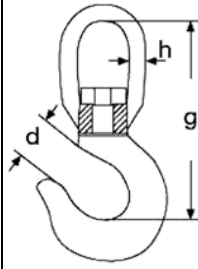
		Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±1.2	E±1.5	B±1.5	H±1	K±2	L±2.5	M±0.5
		8-Bull 040-06	0.34	1.12	4.48	32	22	17	9	109	137	16
		8-Bull 040-08	1.02	2	8	42	21.5	35	15.8	150	192	21
		8-Bull 040-10	1.24	3.15	12.6	42.5	26	35	15.8	162.5	208.5	23
		8-Bull 040-13	3.60	5.3	21.2	48	32.5	39	18	191	246	31
		8-Bull 040-16	4.66	8	32	62	43	53	25	243.5	313	34
		8-Bull 040-20	7.4	12.5	50	68	49.5	51	28.5	276.5	363.5	41.5
		8-Bull 040-22	10.6	15	60	79	54.5	65	32	332	431	55.7
		8-Bull 040-26	21.4	21.2	84.8	105	81	114	40	429.5	545.5	70
		8-Bull 040-32	32	31.5	126	105	100	96	40	465.3	596	76.2

Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

## SWIVEL HOOKS WITH A BEARING, TYPE BULL 306 LHW, WITH ROTATION UNDER LOAD

- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With a safety latch
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80

		Type	WLL (kg)	Weight (kg/piece)	Sizes (mm)		
					d	t	g
		6/7-8	1.600	0.90	14	145	21
		8-8	2.000	1.30	15	160	23
		10-8	3.200	1.60	17	171	26
		13-8	5.400	3.50	22	221	34
		16-8	8.000	6.50	26	266	44
		19-8	11.500	8.50	28	309	50
		22-8	16.000	15.00	32	352	58
		26-8	22.000	24.50	40	432	78
32-8	31.500	54.00	48	505	82		


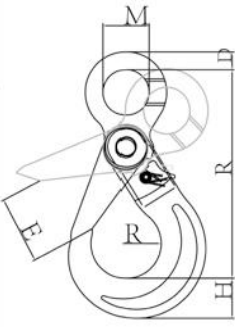
Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**

## SELF-LOCKING EYE HOOKS, TYPE BULL 081

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80
- With self-locking mechanism


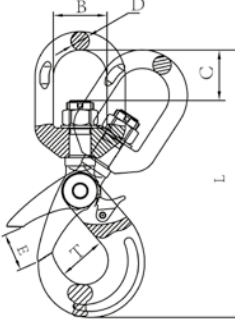
		Marking	Weight (kg)	WLL (T)	Breaking load (T)	M±1	R±2.5	D±1	R±1	H±1	E±2
		8-Bull 081-06	0.5	1.12	4.48	22	110.5	10	34	19.5	28
		8-Bull 081-7/8	0.8	2	8	25	136	12	46	24	34
		8-Bull 081-10	1.43	3.15	12.6	32	171	15	56	30	44
		8-Bull 081-13	2.86	5.3	21.2	40.5	208.5	19.5	69	40	52
		8-Bull 081-16	5.64	8	32	56	257.5	22	86	50.5	60
		8-Bull 081-20	7.6	12.5	50	64.5	275	27	100	55	81
		8-Bull 081-22	13	15	60	70	320	30	98	67	82
		8-Bull 081-26	18	21.2	84.8	80	363	34	110	75	110
		8-Bull 081-32	44.5	31.5	126	105	472	45	166	97	168

Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

## SELF-LOCKING SWIVEL EYE HOOKS WITHOUT A BEARING, TYPE BULL 083, NO ROTATION UNDER LOAD

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80
- With self-locking mechanism

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	B±2	C±2	D±1	L±3	T±1.5	E±2
		8-Bull 083-06	0.71	1.12	4.48	32.5	22	11.25	170	34	29
		8-Bull 083-7/8	1.1	2	8	35.5	26	12.5	210	46	34
		8-Bull 083-10	2.0	3.15	12.6	42	34	15	247	56	44
		8-Bull 083-13	4.0	5.3	21.2	50	38.5	16	302	69	52
		8-Bull 083-16	7.3	8	32	61	55	21.5	383	86	60
		8-Bull 083-20	11.6	12.5	50	72	61	26	418	100	83
		8-Bull 083-22	16.0	15	60	95	95	33	527	98	88
		8-Bull 083-26	21.5	21.2	84.8	122	115	42	610	110	95.5
		8-Bull 083-32	79	31.5	126	140	126	52	777	166	150


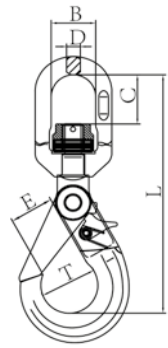
Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**

## SELF-LOCKING SWIVEL EYE HOOKS WITH A BEARING, TYPE BULL 042, WITH ROTATION UNDER LOAD


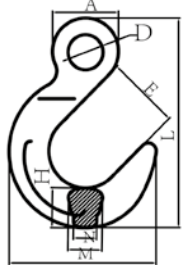
- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80
- With self-locking mechanism

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	B±2	C±2	D±1	L±3	T±1.5	E±2
		8-Bull 042-06	0.71	1.12	4.48	32.5	34.8	11.5	163.3	34	27
		8-Bull 042-7/8	1.1	2	8	36	40	13	195.2	46	35
		8-Bull 042-10	2.0	3.15	12.6	42	48	15.5	237	56	44
		8-Bull 042-13	4.0	5.3	21.2	50	58	17	282	69	53
		8-Bull 042-16	7.3	8	32	61	61	21.5	341.5	86	60
		8-Bull 042-20	11.6	12.5	50	76	75.5	26.5	399.5	100	87
		8-Bull 042-22	16.0	15	60	97	97	33	461	98	80
8-Bull 042-26	21.5	21.2	84.8	123	115	42	536.5	110	98		

Safety factor: 4:1. The marking is mandatory.

## FOUNDRY EYE HOOKS, TYPE BULL015

- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	E±1.2	A±1	D±1	H±1	M±1	N±0.5	K±2	L±2
		8-Bull 015-7/8	1.09	2	8	63.5	39	18	31	25.4	18	120	163
		8-Bull 015-10	2.04	3.15	12.6	76	50.8	22	38	32.6	23	146	200
		8-Bull 015-13	3.22	5.3	21.2	89	63.5	27	44.5	38.1	27	171	238
		8-Bull 015-16	5.53	8	32	102	76	32	52	46	32	198	278
		8-Bull 015-20	8.75	12.5	50	114.5	89	38	65	55	39	232	325
		8-Bull 015-22	11.93	15	60	127.5	102	45	69	57	40	256	361
		8-Bull 015-26	16.8	21.2	84.8	140	126	67.5	77	66	45	283	402
8-Bull 015-32	26.6	31.5	126	153.5	151.5	81.5	97.5	80	58	327	461		


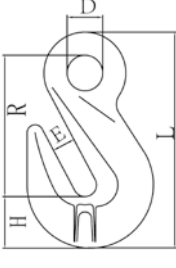
Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**

## SHORTENING GRAB EYE HOOKS, TYPE BULL 085

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	E±0.5	D±1	H±1	R±2	L±2
		8-Bull 085-06	0.14	1.12	4.48	8	13.5	17.9	51.4	75.3
8-Bull 085-7/8	0.245	2	8	10.8	18	20	61.5	91.2		
8-Bull 085-10	0.65	3.15	12.6	13	20	29	80	122		
8-Bull 085-13	1.39	5.3	21.2	16.5	26	42.8	99.7	158		
8-Bull 085-16	2.2	8	32	20	30.5	47.7	104	169		
8-Bull 085-20	4.6	12.5	50	25	37.5	56	140	219		
8-Bull 085-22	8.2	15	60	28	44	68	165	259		
8-Bull 085-26	9.8	21.2	84.8	30	41	77	188.8	298		
8-Bull 085-32	19.4	31.5	126	38	57	95	228	361		


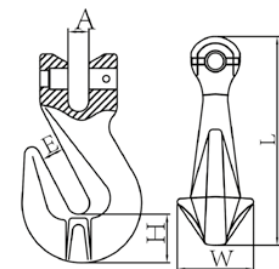
## SHORTENING GRAB EYE HOOKS WITH A SAFETY PIN, TYPE BULL 0317

**NEW!**

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	M±1	B±1.5	D±1	E±0.5	L±2
		8-Bull 317-7/8	0.29	2	8	17	50	9.5	11	88.5
8-Bull 317-10	0.75	3.15	12.6	20	71	13	13	121.5		
8-Bull 317-13	1.62	5.3	21.2	26	96	15.5	16.5	158		


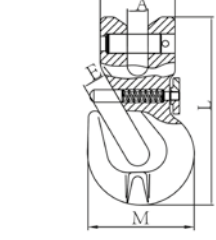
## SHORTENING CLEVIS HOOKS, TYPE BULL 086

- Material: alloy steel, heat treated and hardened
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	E±1	A±0.5	H±1	W±1	L±2
		8-Bull 086-06	0.25	1.12	4.48	8.3	8	17.7	26.7	75
8-Bull 086-7/8	0.32	2	8	11	9.5	18.5	33.5	89		
8-Bull 086-10	0.73	3.15	12.6	13	12.5	29	46	126		
8-Bull 086-13	1.6	5.3	21.2	16.5	15	42.5	57.5	163.5		
8-Bull 086-16	2.8	8	32	19	18.5	45.5	74	183.5		
8-Bull 086-20	5	12.5	50	24	23	56	74	219		
8-Bull 086-22	6.3	15	60	27	27	68.5	90	254		
8-Bull 086-26	14.5	21.2	84.8	30	30	77	102	309		

## SHORTENING CLEVIS HOOKS WITH A SAFETY PIN, TYPE BULL 313

**NEW!**

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±0.5	B±1.2	E±0.5	M±2	L±2
		8-Bull 313-06	0.28	1.12	4.48	8	32	8	43.5	75
8-Bull 313-7/8	0.33	2	8	9.5	35	11	19.5	89		
8-Bull 313-10	0.88	3.15	12.6	12.5	42.5	13.2	70.5	126.5		
8-Bull 313-13	1.85	5.3	21.2	15	63	16.5	90	163.5		
8-Bull 313-16	3.24	8	32	19.5	65.5	19.2	112.5	183.5		

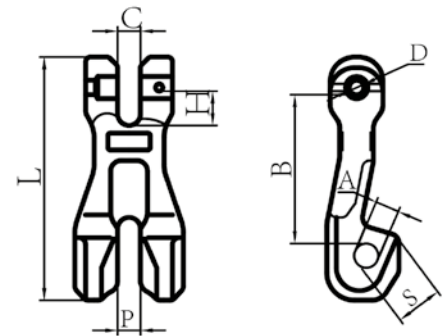
Safety factor for types Bull 085/0317/086/313 – 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-8	3.15 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**

## SHORTENING CLEVIS CLUTCH HOOK, TYPE BULL 073

- Material: alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: orange RAL 2003 or red RAL 3020
- Suitable for load chains EN 818-2, grade 80



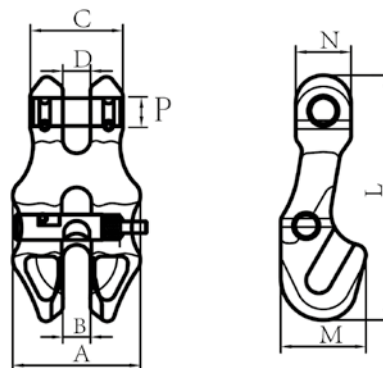
Marking	Weight (kg)	WLL (T)	Breaking load (T)	P±0.5	C±0.5	A±0.3	B±2	H±1	S±0.3	L±2	D±0.5
8-Bull 073-06	0.17	1.12	4.48	7.5	7.5	8	44	10.3	12	73.5	7.8
8-Bull 073-7/8	0.37	2	8.0	9.5	9.5	10.5	61.7	14	17	101	9.2
8-Bull 073-10	0.97	3.15	12.6	13	13	12.4	92	18.4	28	138	13.2
8-Bull 073-13	2.01	5.3	21.2	16.5	16.5	16	115	22.7	34.5	177	16.2
8-Bull 073-16	3.32	8	32	21	21	19.5	143	28.5	40	220	20
8-Bull 073-20	6.2	12.5	50	23.5	23.5	23	152	33.6	46	238	24.3
8-Bull 073-22	8.5	15	60	25.5	25.5	26	195	39	57.5	295	28.1

Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch No
Mark	10-8	3.15 T	Bull	CE	11-1

## SHORTENING CLEVIS CLUTCH HOOK WITH A SAFETY PIN, TYPE BULL 638

**NEW!**



Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±0.5	B±0.5	C±0.5	D±0.5	M±0.3	N±0.5	P±0.1	L±1
Bull-638 8-8	0.41	2	8	50	9.5	33	9.5	33	23	9.2	92
Bull-638 10-8	0.75	3.15	12.6	60	12.5	43	12.5	40	26	13.3	115
Bull-638 13-8	1.67	5.3	21.2	79	15	55	15	54	34	163	149


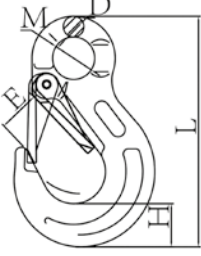
Safety factor: 4:1. The marking is mandatory.


Description	Size /Grade	WLL	Manufacturer	CE marking	Batch No
Mark	10-8	3.15 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**

## EYE HOOKS WITH A SAFETY LATCH, TYPE BULL 1003



- Material: improved alloy steel, heat treated and hardened
- With 100% magnetic-powder crack detection
- With 25% higher WLL than grade 80 items
- The surface of the item is treated with powdered plasticizer
- With aWLL certificate
- Color: blue RAL5015
- With breaking load test of the batch
- With cast safetylatch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- Suitable for load chains grade 100

 	Marking	Weight (kg)	WLL (T)	Breaking load(T)	D±1	E±2	H±1	M±1	L±2.5
	10-Bull 1003-06	0.32	1.4	5.6	10	18.5	21	20.5	111
	10-Bull 1003-08	0.6	2.5	10	11	25	27.5	25	137.5
	10-Bull 1003-10	1.2	4	16	16	28	33	34	171.5
	10-Bull 1003-13	2.2	6.7	26.8	19	38	43.5	43	219
	10-Bull 1003-16	3.5	10	40	24.5	44	50	50	260
	10-Bull 1003-20	7.15	16	64	27	52	56	55	298
	10-Bull 1003-22	11.5	19	76	29	66	62	60	330
	10-Bull 1003-26	12.2	26.5	106	35	73	75	70	376
	10-Bull 1003-32	17.5	39.3	157.2	39	87	89	81.5	458

Spare parts – set SP BULL 1003&1004				
	Marking	Size	Marking	Size
	SP-Bull 1003/4-6	6-10	SP-Bull 1003/4-20	20-10
	SP-Bull 1003/4-8	8-10	SP-Bull 1003/4-22	22-10
	SP-Bull 1003/4-10	10-10	SP-Bull 1003/4-26	26-10
	SP-Bull 1003/4-13	13-10	SP-Bull 1003/4-32	32-10
	SP-Bull 1003/4-16	16-10		


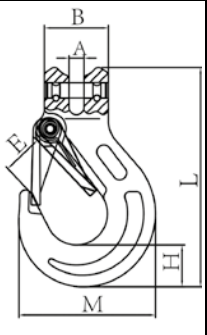
The set includes: cast safety latch, screw, nut and a spring – galvanized


Safety factor 4:1  
The marking is mandatory

Description	Mark
Size /Grade	10-10
WLL	4 T
Manufacturer	
CE marking	
Batch №	11-1

## CLEVIS HOOKS WITH A SAFETY LATCH, TYPE BYULL 1004



- Material: improved alloy steel, heat treated and hardened
- With 100% magnetic-powder crack detection
- With 25% higher WLL than grade 80 items
- The surface of the item is treated with powdered plasticizer
- With aWLL certificate
- Color: blue RAL5015
- With breaking load test of the batch
- With cast safetylatch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- Suitable for load chains grade 100
- With individual 100% control and test of the loading pins

 	Marking	Weight (kg)	WLL (T)	Breaking load(T)	A±0.5	B±1	E±1.5	H±1	M±2	L±2.5
	10-Bull 1004-06	0.33	1.4	5.6	7.5	32	18.5	21	68.5	109
	10-Bull 1004-08	0.7	2.5	10	9.5	37	25	27.5	88	134
	10-Bull 1004-10	1.3	4	16	12	48	28	33.5	105.5	161.5
	10-Bull 1004-13	2.3	6.7	26.8	15	59	38	42	134	203
	10-Bull 1004-16	3.6	10	40	17.5	70	44	50	160.5	248
	10-Bull 1004-20	7.3	16	64	25	85	52	56	190.5	297
	10-Bull 1004-22	12.1	19	76	27	100	66	62	214.5	326

Spare parts – set № SP BULL 1004 – load pin				
	Marking	Size	Marking	Size
	SP-Bull 1004-6	6-10	SP-Bull 1004-16	16-10
	SP-Bull 1004-8	8-10	SP-Bull 1004-20	20-10
	SP-Bull 1004-10	10-10	SP-Bull 1004-22	22-10
	SP-Bull 1004-13	13-10		

The set includes: load pin and two axes


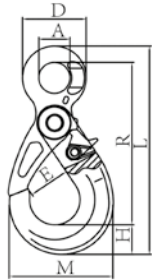
Safety factor 4:1  
The marking is mandatory

Description	Mark
Size /Grade	10-10
WLL	4 T
Manufacturer	
CE marking	
Batch №	11-1


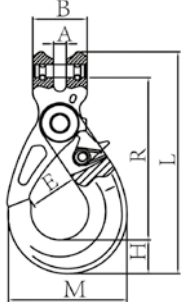
**Caution! Never exceed the shown WLL!**

- Material: improved alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: blue RAL 5015
- With a self-locking safety latch, locked the hook is loaded
- Suitable for load chains grade 100


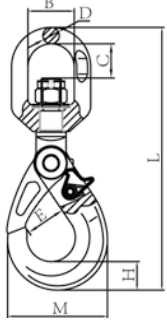
### SELF-LOCKING EYE HOOKS, TYPE BULL 1005

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	A	D±1	E±1	H±1	R±2	M±2	L±3
		10-Bull 1005-06	0.5	1.4	5.6	21	43	28	20	110	70	141
		10-Bull 1005-08	0.9	2.5	10	27	51	35.5	26	137	90	175
		10-Bull 1005-10	1.5	4	16	34.5	64.3	45	30	169	108	212.5
		10-Bull 1005-13	2.7	6.7	26.8	40	80	53.5	40.5	209	138.5	270
		10-Bull 1005-16	5.7	10	40	50	104	62	50.5	254	170.5	331
		10-Bull 1005-20	7.9	16	64	60	120	76.5	62	277	192.5	369
		10-Bull 1005-22	11.2	19	76	70	134	80	66	319.5	205	417


### SELF-LOCKING CLEVIS HOOKS, TYPE BULL 1006

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±0.5	B±1	E±1	H±1	R±2	M±2	L±3
		10-Bull 1006-06	0.5	1.4	5.6	7.5	32	28	20	96	70	131
		10-Bull 1006-08	0.9	2.5	10	9.5	36	35.5	26	123	90	166
		10-Bull 1006-10	1.6	4	16	12	46	45	30	144	109	196.5
		10-Bull 1006-13	2.9	6.7	26.8	15	59	53.5	40.5	182	138.5	251
		10-Bull 1006-16	5.8	10	40	17.5	70	62	50.5	217	170.5	303
		10-Bull 1006-20	8.6	16	64	25	85	76.5	62	235	192.5	337.5
		10-Bull 1006-22	12.1	19	76	25.5	98	80	66	276.5	205	391

### SELF-LOCKING SWIVEL EYE HOOKS, WITHOUT A BEARING, NO ROTATION UNDER LOAD, TYPE BULL 1007

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	B±1	C±1	D±0.5	E±1	H±1	M±2	L±3
		10-Bull 1007-06	0.6	1.4	5.6	32.5	23	11.5	28	20	70	184
		10-Bull 1007-08	1.1	2.5	10	36	28	13	35.5	26	90	229
		10-Bull 1007-10	2	4	16	42	35	15.5	45	30	108	269
		10-Bull 1007-13	4	6.7	26.8	50	40	17	53.5	40.5	138.5	330
		10-Bull 1007-16	6.8	10	40	61	56	21.5	62	50.5	170.5	413
		10-Bull 1007-20	12.5	16	64	72	62	26	76.5	62	192.5	463
		10-Bull 1007-22	17.1	19	76	97	94	33	80	66	205	572

### SELF-LOCKING SWIVEL EYE HOOKS, WITH A BEARING, WITH ROTATION UNDER LOAD, TYPE BULL 1007-1

		WLL (T)	Breaking load (T)	Sizes (mm)						Weight (kg)	
				K	P	B	A	D	T		H
		1.4	5.6	149	28	22	32	12	15	19	0.7
		2.5	10	186	34	29	36	13	20	24	1.3
		4.0	16	218	44	34	41	16	26	30	2.0
		6.7	26.8	276	51	43	46	21	30	39	4.2
		10.0	40	329	60	50	61	23	36	49	7.3
		16.0	64	387	70	82	74	25	53	65	12.6
		19.0	76	457	80	95	97	33	49	63	19.2
26.5	106	535	99	115	123	42	56	69	32.7		

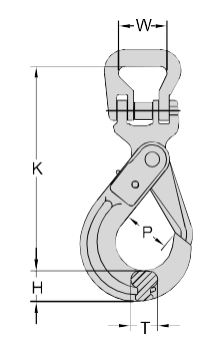

Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-10	4 T	Bull	CE	11-1

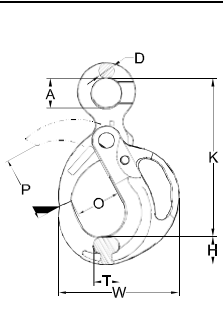

**Caution! Never exceed the shown WLL!**

- Material: improved alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: blue RAL 5015
- With a self-locking safety latch, locked the hook is loaded
- Suitable for load chains grade 100


## SELF-LOCKING HOOKS FOR WEBBINGS, TYPE YK 28

		WLL (T)	Breaking load (T)	Sizes (mm)					Weight (kg)
				K	P	W	T	H	
		1.4	5.6	138	29	38	15	19	0.6
		2.5	10.0	169	34	40	20	24	1.0
		4.0	16.0	196	44	47	26	30	1.9
		6.7	26.8	253	52	53	30	39	3.9
		10.0	40.0	305	60	67	36	49	6.9
		16.0	64.0	328	90	80	48	62	11.9
		19.0	76.0	416	80	125	49	63	18.6

## EYE SELF-LOCKING HOOKS WITH BACK HANDLE, TYPE YK 950

		WLL (T)	Breaking load (T)	Sizes (mm)						Weight (kg)		
				K	W	P	O	A	T		D	H
		4.0	16.0	175	139	71	49	32	27	13	31	1.9
		6.7	26.8	227	174	80	57	40	34	16	39	3.0
		10.0	40.0	277	212	114	78	50	39	21	47	6.3
		16.0	64.0	329	250	127	91	60	54	23	56	11.7
		20.0	80.0	350	260	151	105	70	56	24	59	14.5

## CLEVIS SELF-LOCKING HOOKS WITH BACK HANDLE, TYPE YK 951

		WLL (T)	Breaking load (T)	Sizes (mm)						Weight (kg)	
				K	W	P	O	A	T		H
		4.0	16.0	153	139	71	49	11	27	31	1.9
		6.7	26.8	206	174	80	57	14	34	39	4.1
		10.0	40.0	243	212	114	78	18	39	47	6.4
		16.0	64.0	310	250	127	91	21	54	56	12.7
		20.0	80.0	300	260	151	105	24	56	59	14.1

## SWIVEL SELF-LOCKING EYE HOOKS WITH BACK HANDLE, TYPE YK 952N

		WLL (T)	Breaking load (T)	Sizes (mm)							Weight (kg)		
				K	W	P	O	A	B	T		D	H
		4.0	16.0	225	139	71	49	41	34	27	16	31	2.4
		6.7	26.8	285	174	80	57	46	44	34	21	39	5.2
		10.0	40.0	345	212	114	78	61	50	39	23	47	8.4
		16.0	64.0	433	250	127	91	74	82	54	25	56	14.5
		20.0	80.0	475	260	151	105	97	95	56	33	59	19.9

Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-10	4 T	Bull	CE	11-1

**Caution! Never exceed the shown WLL!**



- Material: improved alloy steel, heat treated and hardened
- With 25% higher WLL than grade 80 items
- With aWLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: blue RAL 5015
- Suitable for load chains grade 100

## SHORTENING GRAB EYE HOOKS, TYPE BULL 1008

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	E±1	B±1	D±1.5	M±2	L±3
		10-Bull 1008-06	0.2	1.4	5.6	8	14.5	30.5	43.5	71
		10-Bull 1008-08	0.28	2.5	10	10.8	18	37	53	91.5
		10-Bull 1008-10	0.72	4	16	13.5	22.5	48.5	72	127.5
		10-Bull 1008-13	1.6	6.7	26.8	16.5	28	59	96	163
		10-Bull 1008-16	2.45	10	40	19.2	36	74	112.5	183
		10-Bull 1008-20	4.72	16	64	24	43.5	89.5	143	227
10-Bull 1008-22	8.2	19	76	27	48.5	100.5	160.5	260.5		

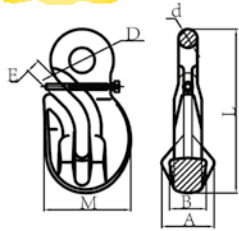
## SHORTENING CLEVIS GRAB HOOKS, TYPE BULL 1009

		Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±0.5	B±1.5	E±1	M±2	L±3
		10-Bull 1009-06	0.22	1.4	5.6	7.5	32	8	43.5	75
		10-Bull 1009-08	0.34	2.5	10	9.5	36	10.8	53	91.5
		10-Bull 1009-10	0.82	4	16	12	46	13.5	72	126
		10-Bull 1009-13	1.75	6.7	26.8	15	59	16.5	96	163.5
		10-Bull 1009-16	2.88	10	40	17.5	70	19.2	112.5	183.5
		10-Bull 1009-20	4.84	16	64	24	85	24	143	224
10-Bull 1009-22	8.3	19	76	27	100	27	160.5	262		

Safety factor: 4:1. The marking is mandatory.

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-10	4 T	Bull	CE	11-1

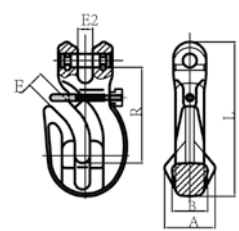
**NEW!**



## SHORTENING EYE GRAB HOOKS WITH A SAFETY PIN, TYPE BULL 1023

Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±1	B±0.8	d±1.5	D±0.5	E±0.5	L±2
10-Bull 1023-8	0.5	2.5	10	35	25	12	16.5	10.5	110
10-Bull 1023-10	1.0	4	16	64	32	15	21	14	136.5
10-Bull 1023-13	2.2	6.7	26.8	57	40	20.5	27.5	15.5	180

**NEW!**



## SHORTENING CLEVIS GRAB HOOKS WITH A SAFETY PIN, TYPE BULL 1024

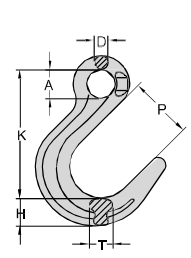
Marking	Weight (kg)	WLL (T)	Breaking load (T)	A±1	B±0.8	d±0.5	D±0.5	E±0.5	L±2
10-Bull 1024-8	0.62	2.5	10	35	25	66	10.5	10.5	108
10-Bull 1024-10	1.16	4	16	44	32	82	12	13	134
10-Bull 1024-13	2.6	6.7	27	57	40	107	15	15.5	175

Safety factor: 4:1. The marking is mandatory.

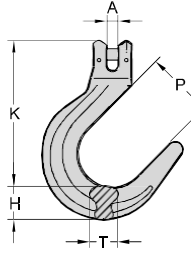

Description	Size /Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-10	4 T	Bull	CE	11-1

- Material: improved alloy steel, heat treated and hardened
- With a WLL certificate
- With breaking load test of the batch
- With fatigue test 1.5 times the WLL for 20000 cycles of the batch
- With 100% magnetic-powder crack detection
- With individual 100% control and test of the loading pins
- The surface of the item is treated with powdered plasticizer
- Color: blue RAL5015
- With a self-locking safety latch, locked the hook is loaded
- Suitable for load chains grade 100


## FOUNDRY EYE HOOKS, TYPE BULL 1035

		WLL (T)	For chain	Sizes (mm)						Weight (kg)
				K	P	A	D	T	H	
		2.5	7.8	123	62	24	12	19	27	0.8
		4.0	10	149	74	32	15	23	32	1.6
		6.7	13	180	88	40	19	32	39	2.5
		10.0	16	213	98	50	25	41	47	4.4
		16.0	20	248	113	60	26	46	57	9.3

## CLEVIS FOUNDRY HOOKS, TYPE BULL 1036

		WLL (T)	For chain	Sizes (mm)					Weight (kg)
				K	P	A	T	H	
		2.5	7.8	133	62	9	19	27	0.95
		4.0	10	163	74	11	23	32	1.8
		6.7	13	200	88	14	32	39	3.6
		10.0	16	239	98	18	41	47	6.4
		16.0	20	305	113	21	46	62	11.2

## SPECIAL HOOKS FOR WEBBINGS, TYPE YK 032

		WLL (T)	Sizes (mm)					Weight (kg)
			K	P	W	T	H	
		1	89	25	43	15	20	0.7
		2	116	30	53	20	27	1.5
		3	119	32	64	26	32	2.4
		5	145	45	61	38	44	3.5

Safety factor: 4:1. The marking is mandatory.

Description	Size / Grade	WLL	Manufacturer	CE marking	Batch №
Mark	10-10	4 T	Bull	CE	11-1

## S TYPE HOOKS WITHOUT A SAFETY LATCH

### ITEM № 1600

- Standard execution
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	kg/piece
50	6	80	25	28	0,05
100	8	80	25	28	0,08
200	10	80	25	28	0,10
300	14	100	30	35	0,26
500	16	130	40	45	0,42
750	18	160	50	56	0,70
1000	20	180	55	63	1,00
1250	22	200	60	70	1,25
1500	26	220	65	77	2,00
2000	32	260	80	91	3,65
3000	36	320	95	112	5,70
4000	40	360	110	126	8,50
5000	45	400	120	140	12,00
6000	55	450	135	158	20,00
8000	60	550	165	192	27,00
10000	65	600	180	210	35,00
12500	70	700	180	210	50,00

### ITEM № 1610

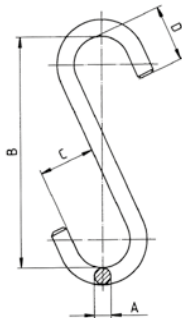
- Standard execution
- With a closed eye
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	kg/piece
100	8	80	25	28	0,08
200	10	80	25	28	0,12
300	14	100	30	35	0,30
500	16	130	40	45	0,52
750	18	160	50	56	0,80
1000	20	180	55	63	1,10
1250	22	200	60	70	1,50
1500	26	220	65	77	2,30
2000	32	260	80	91	4,30
3000	36	320	95	112	6,00
4000	40	360	110	126	9,00
5000	45	400	120	140	14,00
6000	55	450	135	158	22,00
8000	60	550	165	192	31,00
10000	65	600	180	210	42,00
12500	70	700	180	210	59,00

### ITEM № 1700

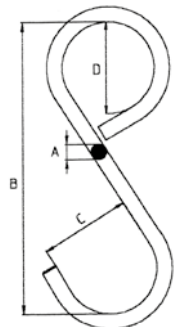
- With bigger construction height
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	kg/piece
100	8	115	28	28	0,08
150	10	115	28	28	0,09
250	12	153	38	38	0,18
350	14	190	50	50	0,45
500	16	230	63	63	0,70
750	20	267	76	76	1,30
1000	22	305	88	88	1,80
1300	26	331	100	100	2,80
1500	28	380	115	115	3,70
2000	32	407	127	127	5,50
2400	36	430	140	140	7,00
2800	38	460	150	150	8,70
3200	40	500	160	160	10,00

### ITEM № 1710

- With bigger construction height
- With a closed eye
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	kg/piece
50	6	80	25	28	0,05
100	8	115	28	28	0,10
150	10	115	28	28	0,15
250	12	153	38	38	0,30
350	14	190	50	50	0,50
500	16	230	63	63	0,80
750	20	267	76	76	1,50
1000	22	305	88	88	2,00
1300	26	331	100	100	3,20
1500	28	380	115	115	4,20
2000	32	407	127	127	6,00
2400	36	430	140	140	8,10
2800	38	460	150	150	10,00
3200	40	500	160	160	12,00

## S TYPE HOOKS WITH IRON SHEET SAFETY LATCH

### ITEM № 1620

- With two-sided safety latches
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D
100	8	80	20	15
200	10	80	17	20
300	14	100	23	20
500	16	130	32	22
750	18	160	42	27
1.000	20	180	48	37
1.250	22	200	51	38
1.500	26	220	55	50
2.000	32	260	70	56
3.000	36	320	84	65
4.000	40	360	103	76
5.000	45	400	110	84

### ITEM № 1640

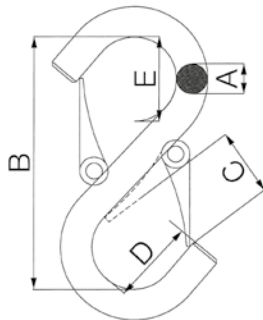
- Standard execution
- With one-sided closed eye and a safety latch
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	E
100	8	80	20	15	28
200	10	80	17	20	28
300	14	100	23	20	35
500	16	130	32	22	45
750	18	160	42	27	56
1.000	20	180	48	37	63
1.250	22	200	51	38	70
1.500	26	220	55	50	77
2.000	32	260	70	56	91
3.000	36	320	84	65	112
4.000	40	360	103	76	126
5.000	45	400	110	84	140

### ITEM № 1730

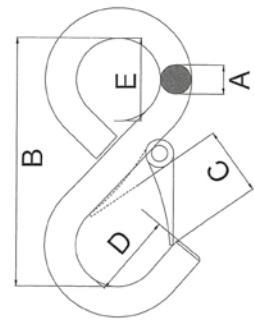
- With bigger construction height
- With two-sided safety latches
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D
100	8	115	23	15
200	10	115	19	20
250	12	153	31	23
350	14	190	42	27
500	16	230	55	40
750	20	267	68	47
1.000	22	305	81	62
1.300	26	331	91	68
1.500	28	380	105	88
2.000	32	407	117	92
2.400	36	430	130	105
2.800	38	460	140	115
3.200	40	500	149	113

### ITEM № 1750

- With bigger construction height
- With one-sided closed eye and a safety latch
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	E
100	8	115	23	15	28
200	10	115	19	20	28
250	12	153	31	23	38
350	14	190	42	27	50
500	16	230	55	40	63
750	20	267	68	47	76
1.000	22	305	81	62	88
1.300	26	331	91	68	100
1.500	28	380	105	88	115
2.000	32	407	117	92	127
2.400	36	430	130	105	140
2.800	38	460	140	115	150
3.200	40	500	149	113	160

**Caution! Never exceed the shown WLL!**

## S TYPE HOOKS WITH FORGED SAFETY LATCH

### ITEM № 1625

- Standard execution
- With two-sided safety latches
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D
100	8	80	20	15
200	10	80	17	20
300	14	100	23	20
500	16	130	32	22
750	18	160	42	27
1.000	20	180	48	37
1.250	22	200	51	38
1.500	26	220	55	50
2.000	32	260	70	56
3.000	36	320	84	65

### ITEM № 1645

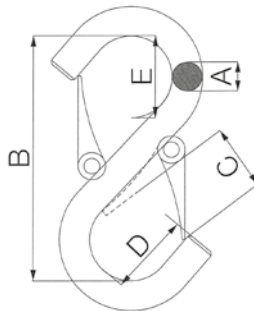
- Standard execution
- With one-sided closed eye and a safety latch
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	E
100	8	80	20	15	28
200	10	80	17	20	28
300	14	100	23	20	35
500	16	130	32	22	45
750	18	160	42	27	56
1.000	20	180	48	37	63
1.250	22	200	51	38	70
1.500	26	220	55	50	77
2.000	32	260	70	56	91
3.000	36	320	84	65	112

### ITEM № 1735

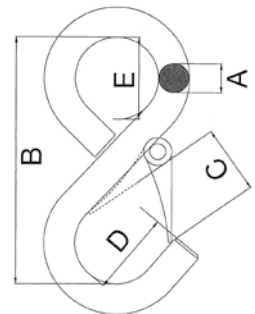
- With bigger construction height
- With two-sided safety latches
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D
100	8	115	23	15
200	10	115	19	20
250	12	153	31	23
350	14	190	42	27
500	16	230	55	40
750	20	267	68	47
1.000	22	305	81	62
1.300	26	331	91	68

### ITEM № 1755

- With bigger construction height
- With one-sided closed eye and a safety latch
- Marked and polished in red
- Safety capacity 4:1



WLL (kg)	A	B	C	D	E
100	8	115	23	15	28
200	10	115	19	20	28
250	12	153	31	23	38
350	14	190	42	27	50
500	16	230	55	40	63
750	20	267	68	47	76
1.000	22	305	81	62	88
1.300	26	331	91	68	100

## S TYPE HOOKS WITHOUT A SAFETY LATCH

### ITEM № 1810

- Standard execution
- Marked and polished in green
- Safety capacity 4:1



WLL (kg)	A	B	C	D
1.200	20	180	55	63
1.700	25	220	65	77
2.000	30	260	80	91
3.150	35	320	95	112
4.300	40	360	110	126

### ITEM № 1830

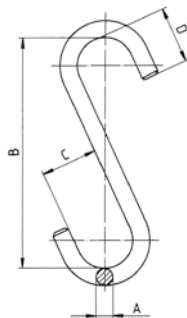
- Standard execution
- With one-sided closed eye
- Marked and polished in green
- Safety capacity 4:1



WLL (kg)	A	B	C	D
1.200	20	180	55	63
1.700	25	220	65	77
2.000	30	260	80	91
3.150	35	320	95	112
4.300	40	360	110	126

### ITEM № 1820

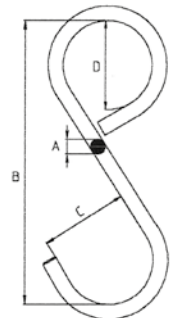
- With bigger construction height
- Marked and polished in green
- Safety capacity 4:1



WLL (kg)	A	B	C	D
1.000	20	267	76	76
1.500	25	331	100	100
2.000	30	407	127	127
2.500	35	430	140	140
3.500	40	500	160	160

### ITEM № 1840

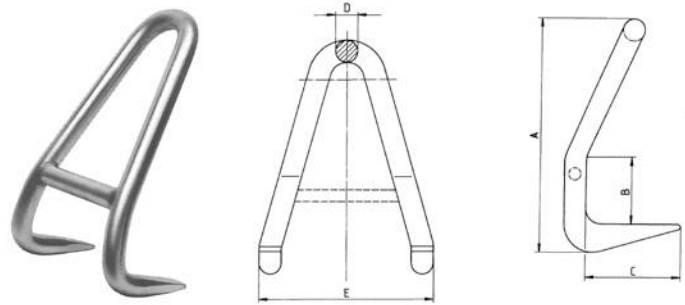
- With bigger construction height
- With one-sided closed eye
- Marked and polished in green
- Safety capacity 4:1



WLL (kg)	A	B	C	D
1.000	20	267	76	76
1.500	25	331	100	100
2.000	30	407	127	127
2.500	35	430	140	140
3.500	40	500	160	160

## ITEM № 1900

- Special product for sheet iron operations, lightweight
- Produced by high tensile steel, by request only, with reinforcement
- Marked and polished in red

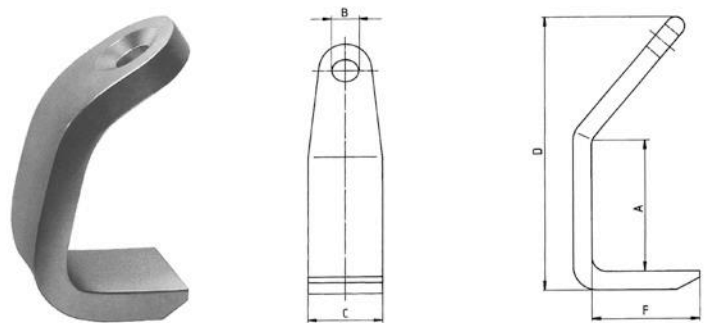


WLL (kg)	A	B	C	D	E	kg/piece
500	180	50	80	18	150	1,3
1120	210	60	95	20	170	1,8
1500	240	70	105	22	200	2,2
2000	280	80	115	26	220	3,3
2500	340	100	120	32	270	6,5
3200	400	120	140	32	320	8,3
4000	530	160	180	36	420	13,5
5300	660	200	210	40	520	19,0
6000	800	250	250	50	640	33,0
7500	980	300	300	60	760	60,0
10000	1000	400	350	70	800	75,0

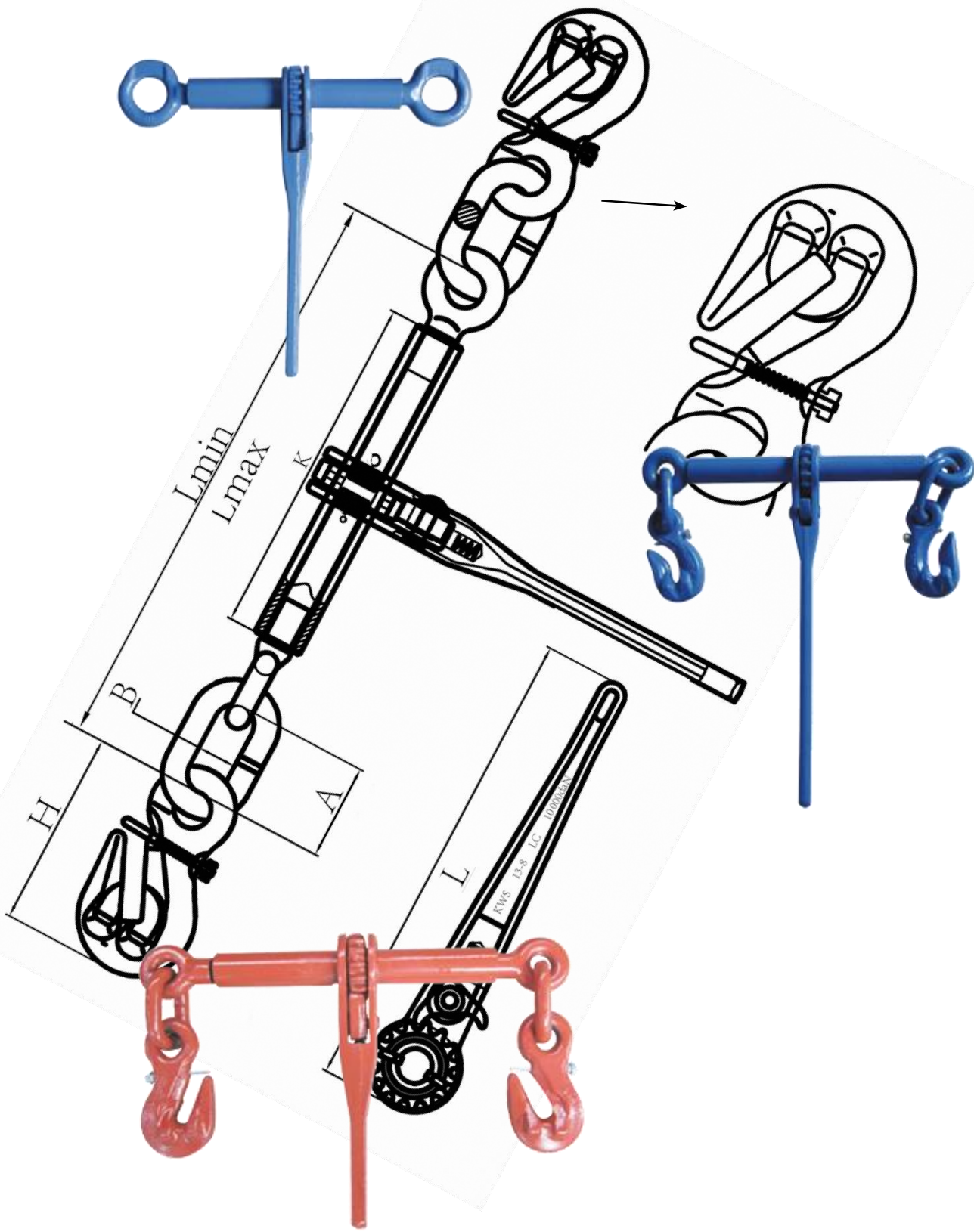
## SPECIAL CLAMPS FOR SHEET IRON

## ITEM № 2100

- Special product for sheet iron operations, lightweight
- Produced by high tensile steel, by request only, with simplified shape, by request it can be produced with a handle
- Marked and polished in red



WLL (kg)	A	B	C	D	E	kg/piece
500	80	16	50	170	70	0,8
1000	90	20	60	210	90	1,4
1500	110	23	70	240	105	2,5
2000	125	25	80	275	110	3,5
2500	145	30	90	300	120	5,7
3000	185	35	100	380	135	7,4
4000	220	35	115	450	145	10,2
5000	260	40	130	520	160	15,0
7500	300	45	150	600	180	20,0
10000	300	45	150	600	180	28

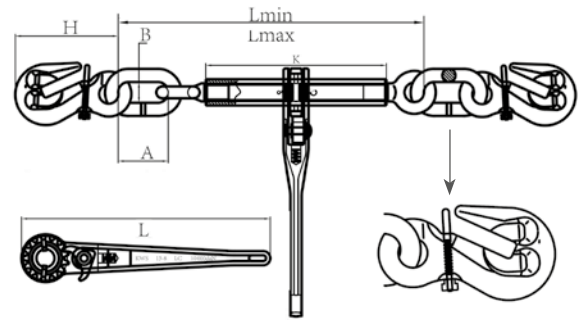


*Ratchet load binders*



## RATCHET LOAD BINDERS WITH HOOK WITH A SAFETY PIN, GRADE 80, TYPE BULL 670

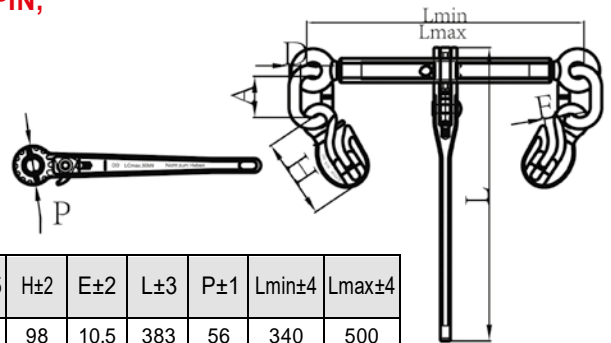
- Execution according EN 12195-3
- Forged, with a ratchet
- Suitable for work with chains grade 80
- With shortening grab hooks with a safety pin, grade 80
- Not to be used for load lifting, only for load securing!
- Color: orange RAL 2003 or red RAL 3020



	Marking	Weight (kg)	WLL (KN)	Breaking load (KN)	A	B	H	Lmin	Lmax	L
	8-8	3.18	40	80.4	52	25	92	340	500	210
	10-8	5.30	63	126	50	25	118	365	525	280
	13-8	8.40	100	212	72	30	146.5	365	525	355
	16-8	8.80	160	322	72	32	178	390	550	355
Mandatory marking: handle – size 8, grade 8, CE, load capacity 40 kN, not to lift with, BULL; hook – size 8, grade 8, CE, BULL										

## RATCHET LOAD BINDERS WITH HOOK WITH A SAFETY PIN, GRADE 100, TYPE BULL 1030

- Execution according EN 12195-3
- Forged, with a ratchet
- Suitable for work with chains grade 100
- With shortening grab hooks with a safety pin, grade 100
- Not to be used for load lifting, only for load securing!
- The surface of the item is treated with powdered plasticizer
- Color: blue RAL 5015



	Marking	Weight (kg)	WLL (KN)	BI* (KN)	A±4	D±1.5	H±2	E±2	L±3	P±1	Lmin±4	Lmax±4
	10-Bull 1030-8	3.71	50	100	50	12	98	10.5	383	56	340	500
	10-Bull 1030-10	5.85	80	160	50	14	121.5	13	390	65	365	525
	10-Bull 1030-13	9.34	134	268	72	20	159.5	15.5	392.5	69	365	525
*BI – Breaking load; Breaking load = WLL x 2												
Mandatory marking: handle – size 8, grade 10, CE, load capacity 50 kN, not to lift with, BULL; hook – size 8, grade 10, CE, BULL												

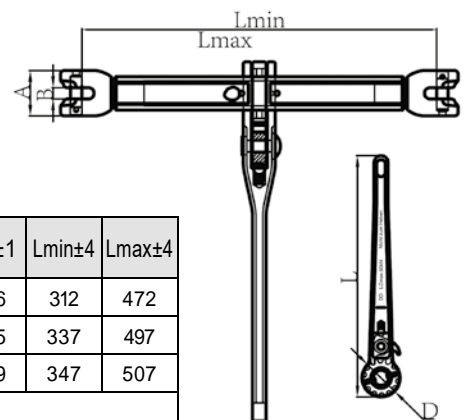
## EYE RATCHET LOAD BINDERS, GRADE 100, TYPE BULL 1031

	Marking	Weight (kg)	WLL (KN)	Breaking load (KN)
	10-Bull 1031-8	2.6	50	100
	10-Bull 1031-10	4.3	80	160
	10-Bull 1031-13	5.0	134	268
Breaking load = WLL x 2				
Mandatory marking: handle – size 8, grade 10, CE, load capacity 50 kN, not to lift with, BULL; eye – size 8, grade 10, CE, BULL				

## CLEVIS LOAD BINDERS, GRADE 100, TYPE BULL 1032

- Execution according EN 12195-3
- Forged, with a ratchet
- Suitable for work with chains grade 100
- Not to be used for load lifting, only for load securing!
- The surface of the item is treated with powdered plasticizer
- Color: blue RAL 5015

**NEW!**



	Marking	Weight (kg)	WLL (KN)	BI* (KN)	A±1	B±1.5	L±3	D±1	Lmin±4	Lmax±4
	10-Bull 1032-8	3.5	50	100	40	10	383	56	312	472
	10-Bull 1032-10	5.5	80	160	49	13	390	65	337	497
	10-Bull 1032-13	7.1	134	268	64	16	392.5	69	347	507
*BI – Breaking load; Breaking load = WLL x 2										
Mandatory marking: handle – size 8, grade 10, CE, load capacity 50 kN, not to lift with, BULL; fork – size 8, grade 10, CE, BULL										

**Caution! Never exceed the shown WLL!**



Webbing slings



Chain slings



Wire rope slings



Clamps



Chain and lever hoists



Magnets



Hooks



Master links and shackles



Lifting points and wire rope clips



**BILION TRADE**  
Move the World with us!

Internet: [www.biliontrade.eu](http://www.biliontrade.eu)

office: **Bilion trade FM s.r.o.**  
Panské Nové Dvory 2461  
738 01 Frýdek-Místek, Czech Republic  
email: [info@biliontrade.eu](mailto:info@biliontrade.eu)  
tlf: +420 733 577 274



Internet: [www.bull-lifting.com](http://www.bull-lifting.com)