



BILION TRADE
Move the World with us!



LIFTING EQUIPMENT AND RIGGING



ISO 9001:2008

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



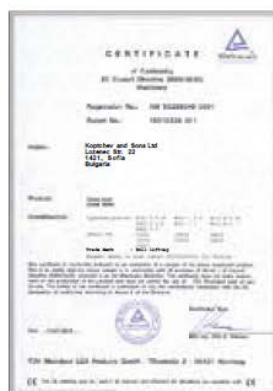
REGISTERED TRADE MARK



THE BULL-LIFTING PRODUCT RANGE INCLUDES:

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



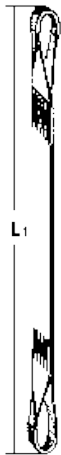
LIFTING EQUIPMENT



Slings

FLAT WEBBING SLINGS WITH REINFORCED EYES TYPE BW

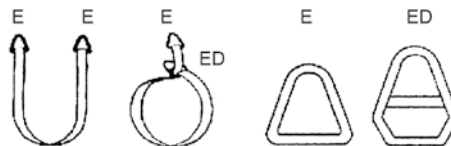
Material: polyester
WLL (kg) – according chart
Length: L1
Safety capacity 7:1



Type	Width mm	Color	WLL/kg				
			LA 1	LA0.8	LA2.0	LA 1.4 0°-45°	LA 1.0 45°-60°
TWO LAYERS							
BW 1	30	violet	1000	800	2000	1400	1000
BW 2	60	green	2000	1600	4000	2800	2000
BW 3	90	yellow	3000	2400	6000	4200	3000
BW 4	120	grey	4000	3200	8000	5600	4000
BW 5	150	red	5000	4000	10000	7000	5000
BW 6	180	brown	6000	4800	12000	8400	6000
BW 8	240	blue	8000	6400	16000	11200	8000
BW 10	300	orange	10000	8000	20000	14000	10000
BW 12	300	orange	12000	9600	24000	16800	12000

The BW type flat sling is made of two layers. By request these slings can be also made of one layer (BS type) or four layers (BWW). When the WLL is the same, the one layered slings have bigger width than the two layered ones. Instead of reinforced eyes these slings can be also produces with metal fittings type "E" or "ED".

Fastening of flat webbing slings with metal endings type "E" or "ED":



DIFFERENT TYPES OF BULL-LIFTING REINFORCED POLYESTER EYES:



FLAT ENDING



REVERTED ENDING



ONE SIDE REVERTED ENDING, 1/2 OF THE WIDTH



TWO SIDE REVERTED ENDING, 1/2 OF THE WIDTH



ENDING REVERTED 1/3 OF THE WIDTH

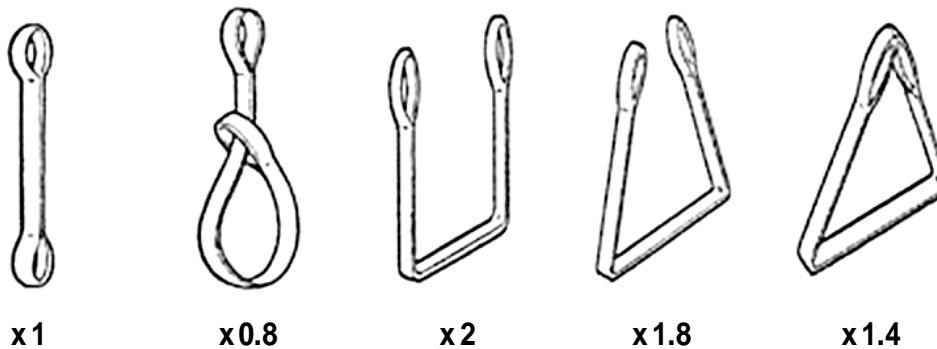
ROUND WEBBING SLINGS TYPE BR



Material: polyester
 WLL (kg): according chart
 Length: working length L1
 Total length: 2 x L1
 Safety capacity: 7:1

Type	Wll kg	Width mm	Color
BR 1	1000	46	violet
BR 2	2000	46	green
BR 3	3000	57	yellow
BR 4	4000	66	grey
BR 5	5000	77	red
BR 6	6000	85	brown
BR 8	8000	92	blue
BR 10	10000	114	orange
BR 12	12000	150	orange

The Safe Load Limit depends on the way of fastening the load, as shown below:



The flat and round webbing slings are produced according EN 1492.

The Safe Load Limit is always marked on the label and depends on the way of fastening of the load.

The chart with the different types of WLL is also marked on every label.

If the label is missing or the layer is damaged, the sling must not be used.

Every sling has its own serial number and can be easily traced.

The flat and round webbing slings can be used in humid environments, they don't go moldy, and the moist does not affect the WLL.

Working with icy webbings is strictly forbidden.

MULTIPLE LEG SLINGS TYPE BWM FROM FLAT WEBBING OR TYPE BRM FROM ROUND WEBBING

The webbing slings are produced according EN 818-4. The legs of the multi-legged webbing slings are made of flat (BWM) or round (BRM) polyester sling. When ordering, please indicate the name of the item and its length (L₂). Usually the legs of the webbing slings have length multiple of 1.0 meter, but by request we can produce webbing slings with different lengths. The general WLL of the multi-legged webbing slings is calculated for maximum angle (between legs) of 90°. If the angle is smaller the WLL gets bigger. By request every multi-legged webbing sling can end with hooks, shackles, master links or any other rigging element.

We can also supply special lifting equipment for extremely heavy loads.

Multiple legslings		Type BWM/BRM	WLL T
ONE LEG		BWM/BRM-1-10	1,0
		BWM/BRM-1-20	2,0
		BWM/BRM-1-30	3,0
		BWM/BRM-1-40	4,0
		BWM/BRM-1-50	5,0
		BWM/BRM-1-60	6,0
		BWM/BRM-1-80	8,0
TWO LEGS		BWM/BRM-2-14	1,4
		BWM/BRM-2-28	2,8
		BWM/BRM-2-42	4,2
		BWM/BRM-2-56	5,6
		BWM/BRM-2-70	7,0
		BWM/BRM-2-84	8,4
		BWM/BRM-2-112	10,2
THREE LEGS		BWM/BRM-3-21	2,1
		BWM/BRM-3-42	4,2
		BWM/BRM-3-63	6,3
		BWM/BRM-3-84	8,4
		BWM/BRM-3-105	10,5
		BWM/BRM-3-126	12,6
		BWM/BRM-3-168	16,8
FOUR LEGS		BWM/BRM-4-21	2,1
		BWM/BRM-4-42	4,2
		BWM/BRM-4-63	6,3
		BWM/BRM-4-84	8,4
		BWM/BRM-4-105	10,5
		BWM/BRM-4-126	12,6
		BWM/BRM-4-168	16,8

General information for the polyester used for the production of the webbing and roundslings

Polyester	Properties
Breaking load	650-800 N/mm ²
Specific weight	1,38 g/cm ³
Resistance to alkaline	acceptable
Resistance to acid	good
Resistance to organic solvents	good
Resistance to poisonous environment	good
Maximum temperature of use	100°C



Webbing slings



Chain slings



Wire rope slings



Clamps



Chain and lever hoists



Magnets



Hooks



Master links and shackles



Lifting points and wire rope clips



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