

## pewag wire rope clips

### safe. simple. on-site ready.

**Certified safety** – Complies with ASME B30.26 and EN 13411-5 Type B (formerly US Fed. Spec. FF-C-450D)

**Full traceability** – Each batch marked with an identification code, linked to the pewag online certification tool

**Maximum corrosion protection** – Entire clip hot-dip galvanized, with powder-coated U-bolt for enhanced durability

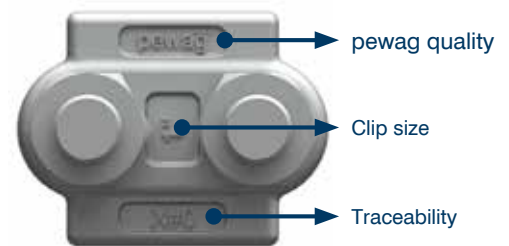
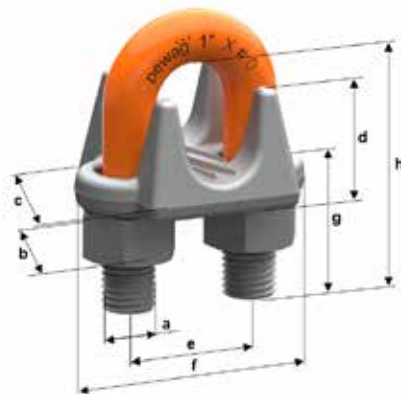
#### Product features:

- **Precision marking** – Laser-engraved size and manufacturer ID on the U-bolt for easy identification
- **Robust construction** – Forged identification on the saddle ensures reliability under load
- **Engineered performance** – Forged saddle designed for optimal strength and longevity

 Made in Europe

 Anti corrosion Coating

 High quality Material



Product Code	Rope size		Article	Packing qty	Weight per pc. (kg)	Weight per pc. (lb)	Dimensions [inch]							
	In	mm					a	b	c	d	e	f	g	h
UCR 1/8" <sup>1) 2)</sup>	1/8	3-4	4128336	100	0,02	0,04	#12-24 UNC	0,37	0,81	0,37	0,47	0,98	0,51	0,74
UCR 3/16" <sup>2)</sup>	3/16	5	4128373	100	0,05	0,11	1/4-20 UNC	0,43	0,94	0,50	0,59	1,18	0,63	0,96
UCR 1/4" <sup>2)</sup>	1/4	6-7	4128369	100	0,09	0,20	5/16-18 UNC	0,56	1,18	0,66	0,75	1,44	0,59	1,06
UCR 5/16"	5/16	8	4128365	50	0,14	0,31	3/8-16 UNC	0,68	1,32	0,73	0,89	1,65	0,83	1,38
UCR 3/8"	3/8	9-10	4128361	50	0,23	0,51	7/16-14 UNC	0,74	1,63	0,91	1,00	1,93	0,87	1,50
UCR 7/16-1/2"	7/16 - 1/2	11-13	4128357	20	0,36	0,79	1/2-13 UNC	0,86	1,91	1,12	1,18	2,28	1,08	1,91
UCR 9/16-5/8"	9/16 - 5/8	14-16	4128353	20	0,51	1,12	9/16-12 UNC	0,92	2,07	1,34	1,32	2,50	1,34	2,28
UCR 3/4"	3/4	18-20	4128349	20	0,7	1,54	5/8-11 UNC	1,05	2,24	1,40	1,50	2,83	1,54	2,80
UCR 7/8"	7/8	22	4128345	10	1,1	2,43	3/4-10 UNC	1,23	2,44	1,57	1,75	3,17	1,73	3,17
UCR 1"	1	24-26	4128380	10	1,26	2,78	3/4-10 UNC	1,23	2,62	1,77	1,89	3,46	1,89	3,52
UCR 1 1/8"	1 1/8	28-30	4128384	10	1,44	3,17	3/4-10 UNC	1,23	2,81	1,91	2,01	3,58	2,09	3,92
UCR 1 1/4"	1 1/4	32-34	4128388	4	2,20	4,85	7/8-9 UNC	1,42	3,13	2,17	2,32	4,13	2,28	4,49
UCR 1 3/8"	1 3/8	36	4128392	4	2,20	4,85	7/8-9 UNC	1,42	3,13	2,32	2,32	4,17	2,28	4,49
UCR 1 1/2"	1 1/2	38	4128396	4	2,54	5,60	7/8-9 UNC	1,42	3,41	2,44	2,58	4,45	2,48	4,98

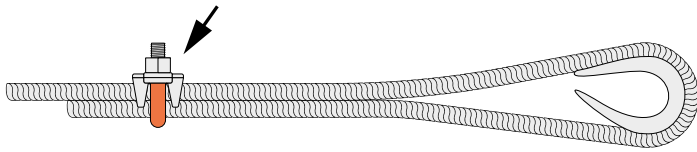
Table 1.:  
Product data table

<sup>1)</sup> Comes without laser engraving  
<sup>2)</sup> zinc-plated U-bolt and nut

# Installation instructions

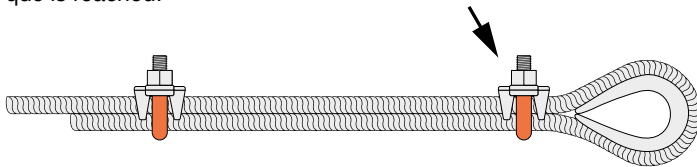
## 1. Prepare rope & install the first clip

- Turn back the rope the distance specified in Table 2 from the thimble or loop.
- Place the first clip one clip-width from the dead end of the rope.
- The U-bolt goes over the dead (free) end of the rope.
- The live (load-bearing) rope must rest in the saddle. Never put the saddle on the dead-end.
- Tighten the nuts evenly and alternately until the recommended torque is reached.



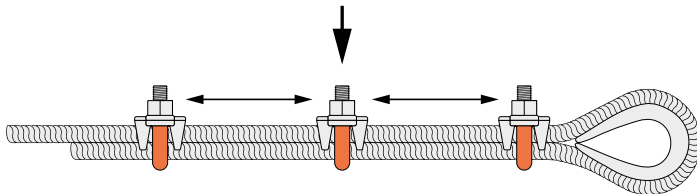
## 2. Install the second clip

Position the second one as close as possible to the thimble or loop. Tighten the nuts evenly and alternately until the recommended torque is reached.



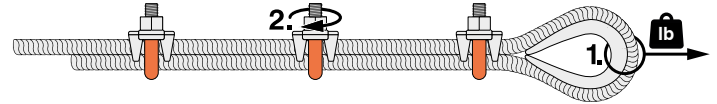
## 3. Install additional clips (if more than two)

If more than two clips are required, place the remaining clips evenly spaced between the first and second. Take up the slack in the rope. Then tighten all nuts evenly and alternately to the specified torque.



## 4. Test load and retightening of all nuts

To test the connection, the test load is applied. This load should be equal to or greater than the expected loads in service. The nuts are then examined and retightened to the recommended tightening torque.

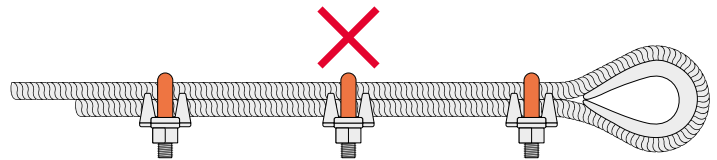


### Important Application Notes

This wire rope clip is suitable for the following rope types: 6x19, 6x36, 8x19, 6x37, 19x7. Additionally, the specified number of clips also applies to rotation-resistant RRL wire ropes, rope class 8x19, IPS, XIP, up to 1 1/2 inches in size, and to rotation-resistant RRL wire ropes, rope class 19x7, IPS, XIP, up to 1 3/4 inches in size. No metrical nuts should be used.

### Never put the saddle on the dead-end.

The saddle must be on the live end of the rope, when the clips are installed.



### Common Installation Errors to Avoid

- Incorrect tension: Too loose, and the rope will slip; too tight, and the strands may be damaged.
- Too few clips: Use the number of clips appropriate for the rope size (see Table 2).
- Incorrect spacing: Clips that are too close or too far apart weaken the hold.



PR/26/00346

Product Code	pewag clip size		Minimum number of clips*	Amount of Rope to turn back		Torque**	
	In	mm		In	mm	Ft. Lbs.	Nm
UCR 1/8"	1/8	3-4	2	3 1/4	83	4,5	6,1
UCR 3/16"	3/16	5	2	3 3/4	95	7,5	10,2
UCR 1/4"	1/4	6-7	2	4 3/4	120	15	20,3
UCR 5/16"	5/16	8	2	5 1/4	133	30	40,7
UCR 3/8"	3/8	9-10	2	6 1/2	165	45	61
UCR 7/16-1/2"	7/16	11	2	7	178	65	88
UCR 7/16-1/2"	1/2	13	3	11 1/2	292	65	88
UCR 9/16-5/8"	9/16	14	3	12	305	95	129
UCR 9/16-5/8"	5/8	16	3	12	305	95	129
UCR 3/4"	3/4	18-20	4	18	457	130	176
UCR 7/8"	7/8	22	4	19	483	225	305
UCR 1"	1	24-26	5	26	660	225	305
UCR 1 1/8"	1 1/8	28-30	6	34	864	225	305
UCR 1 1/4"	1 1/4	32-34	7	44	1118	360	488
UCR 1 3/8"	1 3/8	36	7	44	1118	360	488
UCR 1 1/2"	1 1/2	38	8	54	1372	360	488

Table 2.: Overview of values for clip installation

\* If a greater number of clips are used than shown in the table, the amount of rope turnback should be increased proportionately.

\*\* The tightening torque values shown are based upon the threads being clean, dry and free of lubrication.