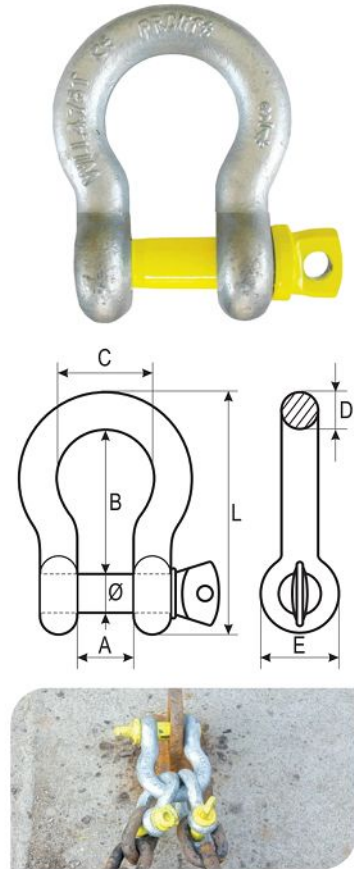


PRO-CT.01 SCREW TYPE OMEGA (ANCHOR) SHACKLE

Model/ Features	WLL (t)	MBL (t)	Dimensions (mm)							Weight (kg/pc)
			A	B	C	D	E	L	Ø	
PRO-CT.01.00.33	0.33	1.98	10	22	16	5	16	37.5	6	0.03
PRO-CT.01.00.50	0.5	3	12	29	19	6.5	16	46	7	0.05
PRO-CT.01.00.75	0.75	4.5	14	31	21	8.5	18.5	53	9.5	0.08
PRO-CT.01.01.00	1	6	17	36	25	10	22	62.5	11.5	0.14
PRO-CT.01.01.50	1.5	9	19	42	29	11.5	26.5	74	13.5	0.19
PRO-CT.01.02.00	2	12	21	47	32	14.5	29	84	16	0.29
PRO-CT.01.03.25	3.25	19.5	27.5	59	42	18	37	104.5	19.5	0.61
PRO-CT.01.04.75	4.75	28.5	32	72	50	21	46.5	123	21.5	1
PRO-CT.01.06.50	6.5	39	37	85	57	25	52	144	24	1.54
PRO-CT.01.08.50	8.5	51	40.5	94	65	28.5	59	157	26.5	2.21
PRO-CT.01.09.50	9.5	57	46	108	72	32	68	185	29.7	3.22
PRO-CT.01.12.00	12	72	53	117	82	35	74	205	36	4.54
PRO-CT.01.13.50	13.5	81	57	135	90	35	82	228	39	6
PRO-CT.01.17.00	17	102	59	145	96	40	90	249	40	7.8
PRO-CT.01.25.00	25	150	75	175	122	57	104	310	48	13.5
PRO-CT.01.35.00	35	210	80	190	142	60	120	340	56	20.5
PRO-CT.01.55.00	55	330	102	255	178	64	150	430	70	37
PRO-CT.01.85.00	85	510	125	300	197	77	163	515	80	59

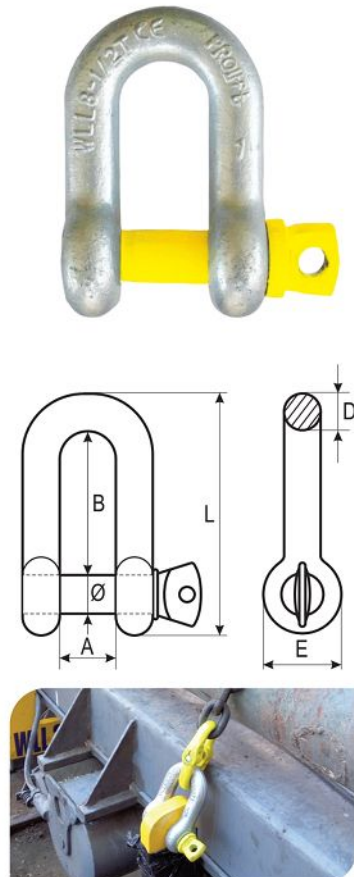


For all PROlift's shackles the safety factor is 6.

Manufacturing standard for maximum 25 tons working load limit shackles is EN 13889.

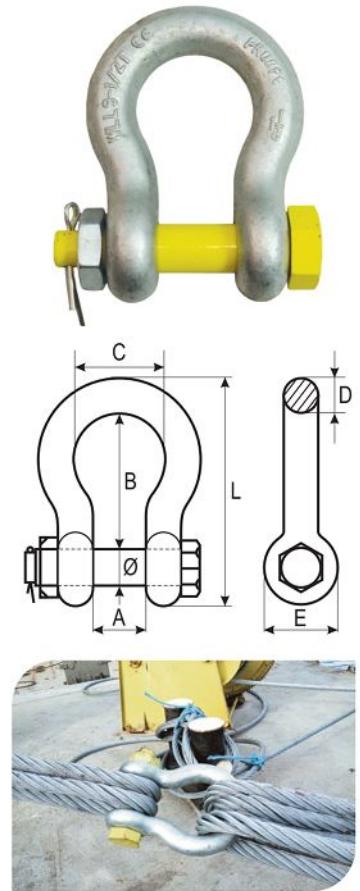
PRO-CT.02 SCREW TYPE CHAIN (DEE) SHACKLE

Model/ Features	WLL (t)	MBL (t)	Dimensions (mm)						Weight (kg/pc)
			A	B	D	E	L	Ø	
PRO-CT.02.00.33	0.33	1.98	10	18	5	15	32	6	0.02
PRO-CT.02.00.50	0.5	3	12	25	7	18	44	8	0.04
PRO-CT.02.00.75	0.75	4.5	13	26.5	9	18.5	48.5	9.7	0.06
PRO-CT.02.01.00	1	6	17	31	10	22.5	57	11.5	0.13
PRO-CT.02.01.50	1.5	9	19	36	13	26	67.5	13	0.18
PRO-CT.02.02.00	2	12	21	41	13.5	30	76	15	0.27
PRO-CT.02.03.25	3.25	19.5	28	50.5	18	37	95	19.5	0.59
PRO-CT.02.04.75	4.75	28.5	32	63	21	45	115	22	0.98
PRO-CT.02.06.50	6.5	39	36.5	70	25	52	133	24	1.47
PRO-CT.02.08.50	8.5	51	43	82	27.5	59	150	27	2.03
PRO-CT.02.09.50	9.5	57	47	90	32	67.5	170	30	3.13
PRO-CT.02.12.00	12	72	53	98	32	76.5	190	36	4.54
PRO-CT.02.13.50	13.5	81	57	110	35	82	204	39	5.44
PRO-CT.02.17.00	17	102	60	124	41	90	225	41	7.33
PRO-CT.02.25.00	25	150	72	144	54	105	290	48	13
PRO-CT.02.35.00	35	210	83	164	61	130	320	56	19.5
PRO-CT.02.55.00	55	330	116	200	65	151	370	70	30.5
PRO-CT.02.85.00	85	510	126	215	77.5	163	425	85	48.5



PRO-CT.03 NUT AND BOLT TYPE OMEGA (ANCHOR) SHACKLE

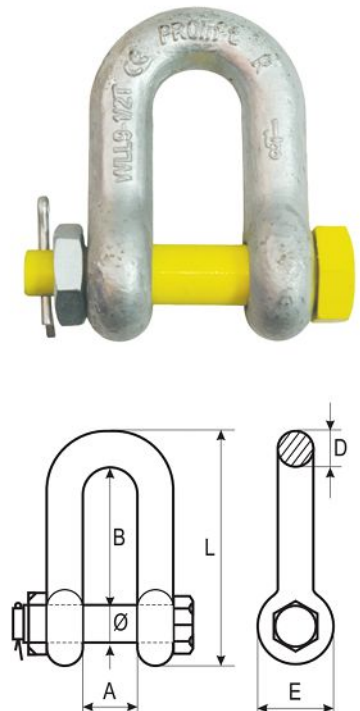
Model/ Features	WLL (t)	MBL (t)	Dimensions (mm)							Weight (kg/pc)
			A	B	C	D	E	L	Ø	
PRO-CT.03.00.33	0.33	1.98	9.3	27.8	14.9	5	13.6	37.8	6	0.03
PRO-CT.03.00.50	0.5	3	11.7	28.5	19.5	6.3	15	46	7.5	0.05
PRO-CT.03.00.75	0.75	4.5	14	30	21	8	21.8	53.5	9.7	0.09
PRO-CT.03.01.00	1	6	17	36	25.8	11	25.3	64	11	0.16
PRO-CT.03.01.50	1.5	9	20	43	29	11	26	73	13.3	0.2
PRO-CT.03.02.00	2	12	21	47.5	32.5	13	29	81.5	15.4	0.33
PRO-CT.03.03.25	3.25	19.5	27	59	42	16	37	104	19	0.68
PRO-CT.03.04.75	4.75	28.5	32	71	49	20	45	124	21	1.09
PRO-CT.03.06.50	6.5	39	36	85.5	56	22.5	52	145	24	1.7
PRO-CT.03.08.50	8.5	51	42	94	65	26	59	165	27	2.37
PRO-CT.03.09.50	9.5	57	46	109	72.5	30	67	185	30	3.41
PRO-CT.03.12.00	12	72	49	120	81	33.5	75	205	36	4.71
PRO-CT.03.13.50	13.5	81	56	135	89	35	82	235	40	6.98
PRO-CT.03.17.00	17	102	60	145	100	41.5	90	250	40	9
PRO-CT.03.25.00	25	150	75	180	127	48	107	310	48	15
PRO-CT.03.35.00	35	210	82	195	145	52	122	345	56	23.7
PRO-CT.03.55.00	55	330	110	255	185	62	147	435	70	37.5
PRO-CT.03.85.00	85	510	126	300	199	76	160	523	78	60
PRO-CT.03.120.0	120	720	136	370	223	97	204	635	97	109
PRO-CT.03.150.0	150	900	144	380	255	100	236	655	107	149



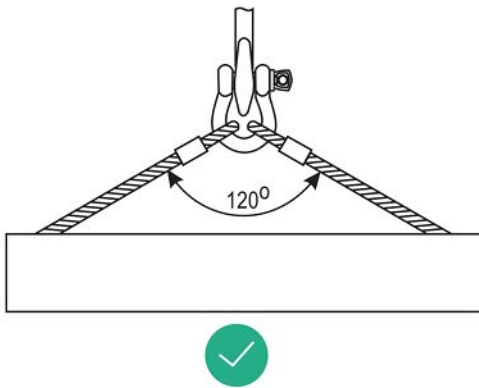
IMPORTANT: The nut and the bolt increase the level of safety!

PRO-CT.04 NUT AND BOLT TYPE CHAIN (DEE) SHACKLE

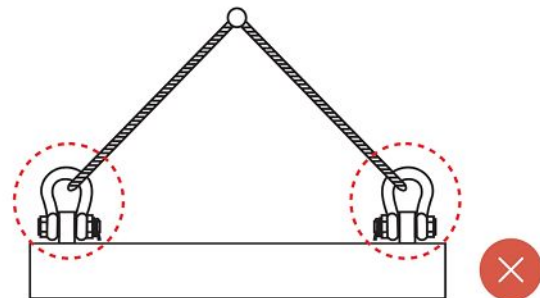
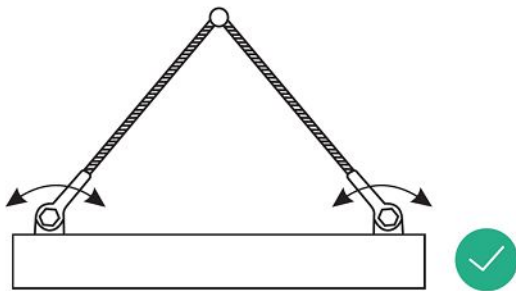
Model/ Features	WLL (t)	MBL (t)	Dimensions (mm)						Weight (kg/pc)
			A	B	D	E	L	Ø	
PRO-CT.04.00.50	0.5	3	12	22	6	15	40	7.5	0.05
PRO-CT.04.00.75	0.75	4.5	13	26	8	18	48	9.5	0.08
PRO-CT.04.01.00	1	6	16	31.5	10	26	57	11	0.14
PRO-CT.04.01.50	1.5	9	20	37	11	26	67	12.5	0.18
PRO-CT.04.02.00	2	12	20	42	13.5	29	77	15	0.31
PRO-CT.04.03.25	3.25	19.5	27	51	17	37	96	19	0.64
PRO-CT.04.04.75	4.75	28.5	32	63	19	45	114	22	1.01
PRO-CT.04.06.50	6.5	39	39	72	25	53	135	24	1.67
PRO-CT.04.08.50	8.5	51	43	82	27	58	150	27	2.38
PRO-CT.04.09.50	9.5	57	49	95	29	67	170	32	3.14
PRO-CT.04.12.00	12	72	51	99	35	75	186	36	4.93
PRO-CT.04.13.50	13.5	81	58	109	36	84	206	39	6.24
PRO-CT.04.17.00	17	102	60	122	41	90	225	39	8.4
PRO-CT.04.25.00	25	150	74	145	54	105	271	48	14.2
PRO-CT.04.35.00	35	210	84	170	57	128	317	56	21.2
PRO-CT.04.55.00	55	330	106	203	68	150	380	68	31.5
PRO-CT.04.85.00	85	510	126	214	77	163	425	84	54.5



SHACKLES USER GUIDE

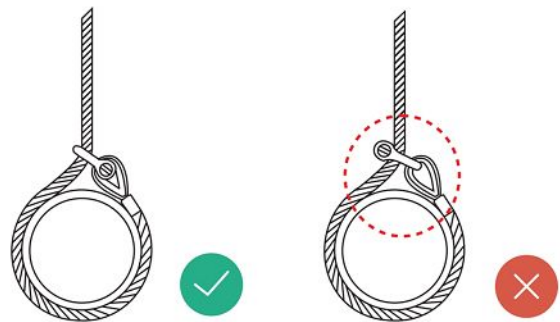
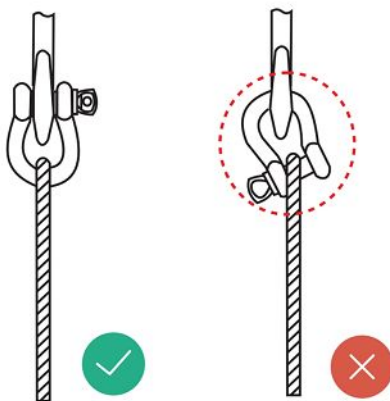


1. Prior to use check the shackles and the connecting points (lugs) of the load to be lifted.
2. It is forbidden to use a simple screw or a metal bar instead of the shackle bolt.
3. Jerking or hitching during lifting is forbidden.
4. Be careful not to obstruct the bolt's holes!
5. It is strictly forbidden to use the shackles in such a manner that tension forces may accumulate in the body of the shackle. This situation is prevented by keeping the lifting points level.
6. When such a setting is not possible, the shackles working load limit should be adjusted accordingly.
7. The opening angle between 2 slings connected by the same shackle should be smaller than 120 degrees.
8. The shackles must be properly placed for safe maneuvering, thus avoiding having them deformed or bent (see figure below):



9. It is forbidden to improperly place the slings.

10. The shackles will be periodically inspected according to their use frequency, but no later than every 6 months. Each inspection must be performed by qualified personnel.



11. If used in a high temperature environment, please see the next table for working load limit calculation:

Temperature	Adjusted W.L.L.
-40 °C - +200 °C	100% WLL
+200 °C - +300 °C	90% WLL
+300 °C - +400 °C	75% WLL
over +400 °C	Not allowed. Not to be used.

! Do not use the shackles if:

- ... they show visible in-depth cracks;
- ... the magnetic particles inspections and ultrasonic testings reveal in-depth cracks in the material;
- ... the body shows any deformations;
- ... the body of the shackle has suffered dimension alterations (due to corrosion, for example) larger than 10%;
- ... they show very large corroded areas.