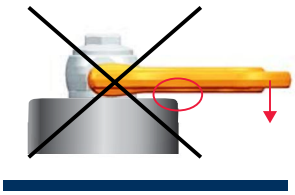
Permissible usage
Load capacity acc. to the inspection certificate respectively table of WLL in the mentioned directions of pull – see picture 1 an 2.

Non permissible usage
Make sure when choosing the assembly that improper load can not arise eg if:
- the direction of pull is obstructed
- direction of pull is not in the foreseen area (see picture 3)
- loading ring rests against edges or load (picture 4)

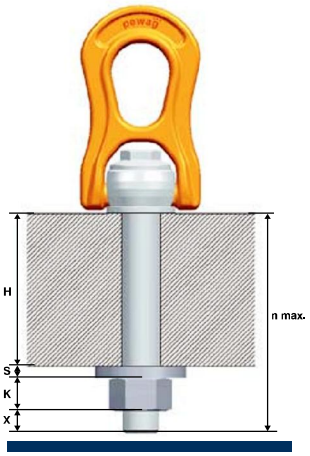
The load ring must be placed in the direction of pull before loading – do not turn under load. For more details please have a look into our user manual.

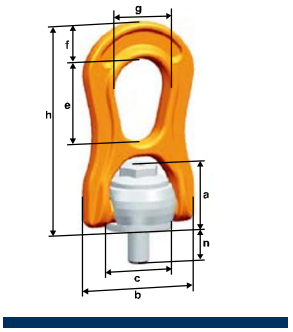

Picture 3


Picture 4

To calculate the necessary thread length (L):
L = H + S + K + X

H = Material height
S = Thickness of the washer
K = Height of the nut (depending on the thread size of the screw)
X = Excess length of the screw (twofold pitch of the screw)





In case of requesting a lifting point with a special thread length, please mention the requested thread length "L".

Code	Thread [mm]	Load capacity [kg]	a [mm]	b [mm]	c [mm]	e [mm]	f [mm]	g [mm]	h [mm]	n [mm]	n max. [mm]	⬡ [mm]	⊂ [mm]	Weight [kg/pc.]
PLBW 0,3 t	M 8	300	28	56	30	38	17.5	27	94	14	80	8	15	0,30
PLBW 0,6 t	M10	600	28	56	30	38	17.5	27	94	16	100	8	15	0,31
PLBW 1 t	M12	1.000	28	56	30	38	17.5	27	94	18	180	8	15	0,32
PLBW 1,3 t	M14	1.300	43	79	45	55	25	38	138	22	220	10	24	1,03
PLBW 1,6 t	M16	1.600	43	79	45	55	25	38	138	24	260	10	24	1,04
PLBW 2 t	M18	2.000	43	79	45	55	25	38	138	27	295	10	24	1,07
PLBW 2,5 t	M20	2.500	43	79	45	55	25	38	138	30	335	10	24	1,08
PLBW 3 t	M22	3.000	64	118	68	85	37.5	58	209	33	355	14	36	3,52
PLBW 4 t	M24	4.000	64	118	68	85	37.5	58	209	36	355	14	36	3,55
PLBW 5 t	M27	5.000	64	118	68	85	37.5	58	209	40	355*	14	36	3,60
PLBW 6,3 t	M30	6.300	64	118	68	85	37.5	58	209	45	355	14	36	3,68
PLBW 8 t	M33	8.000	106	188	108	132	60	91	331	54	328	19	55	14,32
PLBW 10 t	M36	10.000	106	188	108	132	60	91	331	59	328	19	55	14,43
PLBW 12,5 t	M42	12.500	106	188	108	132	60	91	331	69	328	19	55	14,72
PLBW 15 t	M48	15.000	106	188	108	132	60	91	331	74	328	19	55	15,03

Code	Thread [Zoll]	Load capacity [lbs]	a [inch]	b [inch]	c [inch]	e [inch]	f [inch]	g [inch]	h [inch]	n [inch]	n max. [inch]	⬡ [inch]	⊂ [inch]	Weight [lbs/pc.]
PLBW U5/16	5/16"-18	660	1,09	2,21	1,18	1,50	0,69	1,06	3,70	0,56	-	5/16"	5/8"	0,66
PLBW U3/8	3/8"-16	1.300	1,09	2,21	1,18	1,50	0,69	1,06	3,70	0,64	-	5/16"	5/8"	0,68
PLBW U7/16	7/16"-14	2.200	1,09	2,21	1,18	1,50	0,69	1,06	3,70	0,72	-	5/16"	5/8"	0,70
PLBW U9/16	9/16"-12	3.000	1,70	3,11	1,77	2,17	0,98	1,50	5,40	0,88	-	5/16"	1"	2,27
PLBW U5/8	5/8"-11	3.500	1,70	3,11	1,77	2,17	0,98	1,50	5,40	0,96	-	5/16"	1"	2,29
PLBW U3/4	3/4"10	5.500	1,70	3,11	1,77	2,17	0,98	1,50	5,40	1,19	-	5/16"	1"	2,40
PLBW U7/8	7/8"-9	8.800	2,52	4,65	2,66	3,35	1,48	2,28	8,20	1,43	-	9/16"	1 3/8"	7,80
PLBW U1	1"-8	11.000	2,52	4,65	2,66	3,35	1,48	2,28	8,20	1,59	-	9/16"	1 3/8"	7,90
PLBW U1 1/8	1 1/8"-7	13.500	2,52	4,65	2,66	3,35	1,48	2,28	8,20	1,79	-	9/16"	1 3/8"	8,10
PLBW U1 1/4	1 1/4"-7	17.500	4,18	7,40	4,25	5,20	2,36	3,58	13,00	2,11	-	3/4"	2 3/16"	31,50
PLBW U1 3/8	1 3/8"-6	22.000	4,18	7,40	4,25	5,20	2,36	3,58	13,00	2,31	-	3/4"	2 3/16"	31,75
PLBW U1 1/2	1 1/2"- 6	24.000	4,18	7,40	4,25	5,20	2,36	3,58	13,00	2,70	-	3/4"	2 3/16"	32,40