Pewag Winner G10

Price List 2015

CWS LIFTING & SAFETY LTD

Unit 12
Easton Business Centre
Felix Road
Bristol BS5 0HE

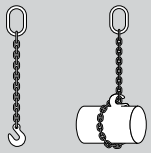
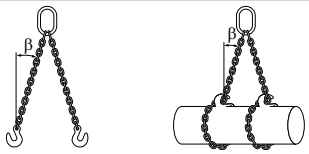
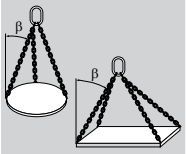
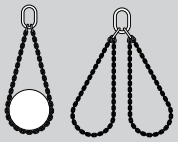
Tel: 0117 941 5306
Fax: 0117 941 5899

clives@cwslifting.co.uk
www.cwslifting.co.uk

CONTENTS

LOAD CAPACITIES

The load capacities shown are the WORKING LOAD LIMITS of the various sling types, stated according to the standard (Uniform Load) method of rating.

Safety factor 4		Single leg chain slings		2 leg chain slings				3 + 4 leg chain slings		Endless chain slings	Basket chain slings	
												
Angle of inclination		-	-	up to 45°	45°–60°	up to 45°	45°–60°	up to 45°	45°–60°	-	up to 45°	0°–45°
Load factor		1	0.8	1.4	1	1.12	0.8	2.1	1.5	1.6	1.4	2.1
Code	**d**	**Load capacity [tonnes]**										
WIN 5	5mm	1.00	0.80	1.40	1.00	1.12	0.80	2.00	1.50	1.60	1.40	2.00
WIN 6	6mm	1.40	1.12	2.00	1.40	1.60	1.12	3.00	2.12	2.24	2.00	3.00
WIN 7	7mm	1.90	1.50	2.65	1.90	2.12	1.50	4.00	2.80	3.00	2.65	4.00
WIN 8	8mm	2.50	2.00	3.55	2.50	2.80	2.00	5.30	3.75	4.00	3.55	5.30
WIN 10	10mm	4.00	3.15	5.60	4.00	4.25	3.15	8.00	6.00	6.30	5.60	8.00
WIN 13	13mm	6.70	5.30	9.50	6.70	7.50	5.30	14.00	10.00	10.60	9.50	14.00
WIN 16	16mm	10.00	8.00	14.00	10.00	11.20	8.00	21.20	15.00	16.00	14.00	21.20
WIN 19	19mm	14.00	11.20	20.00	14.00	16.00	11.20	30.00	21.20	22.40	20.00	30.00
WIN 22	22mm	19.00	15.00	26.50	19.00	21.20	15.00	40.00	28.00	30.00	26.50	40.00
WIN 26	26mm	26.50	21.20	37.50	26.50	30.00	21.20	56.00	40.00	42.50	37.50	56.00
Ni 26 G8	26mm	21.20	16.95	30.00	21.20	23.70	16.95	45.00	31.50	33.50	30.00	45.00
WIN 32	32mm	40.00	31.50	56.00	40.00	45.00	31.50	85.00	60.00	63.00	56.00	85.00
Ni 32 G8	32mm	31.50	25.20	45.00	31.50	35.20	25.20	67.00	47.50	50.00	45.00	67.00

If the chain slings are used in severe conditions (e.g. high temperature, asymmetric load distribution, edge load, impact/shock loads) the maximum load capacity values in the table must be reduced by the load factors below. Please also note the user information on this topic.

DEMANDING CONDITIONS

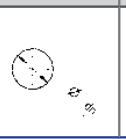
Temperature	-40°C – 200°C	above 200°C – 300°C	above 300°C – 380°C
Load factor pewag winner 200	1	not permissible	not permissible
Load factor pewag winner 400	1	0.9	0.75
Asymmetric load distribution	The WLL has to be reduced by at least 1 leg. In case of doubt only consider 1 leg as load-bearing.		
Edge load *	R = larger than 2 x d 	R = larger than d 	R = smaller than d 
Load factor	1	0.7	0.5
Shock	slight shocks	medium shocks	strong shocks
Load factor	1	0.7	not permissible

* d = chain material diameter

Pewag Winner G10

Ready Assembled Chain Sling Prices

Based on **TWO METRE** effective working length. Prices include assembly charge and ID tag.

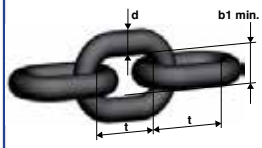
Chain diameter (dn) mm	Number of legs	WLL tonnes 0-45°	Price with sling hooks & safety catches	Price with safety locking hooks	Price with C-Hooks	Price extra for shorteners	Price extra per metre reach
							
5mm	1	1.00	£41.12	£55.85	-	£5.43	£7.31
5mm	2	1.40	£74.82	£104.28	-	£12.66	£14.62
5mm	3	2.00	£114.79	£158.98	-	£29.58	£21.93
5mm	4	2.00	£145.26	£204.18	-	£22.06	£29.24
6mm	1	1.40	£42.95	£57.68	-	£5.21	£7.60
6mm	2	2.00	£76.66	£106.12	-	£12.54	£15.20
6mm	3	3.00	£121.35	£165.54	-	£27.13	£22.80
6mm	4	3.00	£152.18	£211.10	-	£19.59	£30.40
7mm	1	1.90	£44.27	£63.55	£42.90	£10.91	£7.83
7mm	2	2.65	£79.91	£118.47	£77.17	£20.94	£15.66
7mm	3	4.00	£124.58	£182.42	£120.47	£48.17	£23.49
7mm	4	4.00	£155.93	£233.05	£150.45	£40.63	£31.32
8mm	1	2.50	£50.14	£69.42	£48.77	£9.60	£10.15
8mm	2	3.55	£93.25	£131.81	£90.51	£17.13	£20.30
8mm	3	5.30	£140.31	£198.15	£136.20	£44.12	£30.45
8mm	4	5.30	£176.98	£254.10	£171.50	£34.85	£40.60
10mm	1	4.00	£61.19	£87.25	£59.88	£13.92	£11.16
10mm	2	5.60	£114.23	£166.35	£111.61	£27.64	£22.32
10mm	3	8.00	£177.06	£255.24	£173.13	£62.86	£33.48
10mm	4	8.00	£222.15	£326.39	£216.91	£51.50	£44.64
13mm	1	6.70	£100.69	£131.98	£107.86	£26.16	£18.36
13mm	2	9.50	£185.52	£248.10	£199.86	£52.60	£36.72
13mm	3	14.00	£287.08	£380.95	£308.59	£125.62	£55.08
13mm	4	14.00	£359.75	£484.91	£388.43	£109.22	£73.44
16mm	1	10.00	£149.42	£200.18	£178.41	£41.53	£26.48
16mm	2	14.00	£284.36	£385.88	£342.34	£82.86	£52.96
16mm	3	21.20	£447.45	£599.73	£534.42	£179.72	£79.44
16mm	4	21.20	£559.81	£762.85	£675.77	£154.81	£105.92
19mm	1	14.00	£239.84	£422.12	-	£79.07	£42.85
19mm	2	20.00	£448.45	£813.01	-	£158.13	£85.70
19mm	3	30.00	£747.28	£1294.12	-	£237.20	£128.55
19mm	4	30.00	£920.70	£1649.82	-	£316.26	£171.40
22mm	1	19.00	£383.61	£570.46	-	£70.57	£69.85
22mm	2	26.50	£746.90	£1102.44	-	£141.14	£139.70
22mm	3	40.00	£1133.96	£1667.26	-	£211.71	£209.55
22mm	4	40.00	£1428.49	£2139.57	-	£282.28	£279.40
26mm	1	26.50	£725.39	-	-	£498.54	£146.06
26mm	2	37.50	£1399.71	-	-	£997.08	£292.12
26mm	3	56.00	£2165.57	-	-	£1495.62	£438.18
26mm	4	56.00	£2737.69	-	-	£1994.16	£584.24
32mm	1	40.00	£1438.57	-	-	£821.60	£248.60
32mm	2	56.00	£2935.01	-	-	£1643.20	£497.20
32mm	3	85.00	£5070.52	-	-	£2464.80	£745.80
32mm	4	85.00	£6276.50	-	-	£3286.40	£994.40
32mm (G8)	1	31.50	£1247.85	-	-	£705.62	£200.82
32mm (G8)	2	45.00	£2544.98	-	-	£1411.24	£401.64
32mm (G8)	3	67.00	£3728.43	-	-	£2116.86	£602.46
32mm (G8)	4	67.00	£4753.25	-	-	£2822.48	£803.28

Example sling calculation: 10mm 4 leg, 4m EWL, complete with shorteners and sling hooks.
Basic 2m sling price = £222.15 + extra for shorteners @ £51.50 + extra for 2m EWL @ £89.28 (£44.64 per metre x 2) = £362.93

Pewag Winner G10

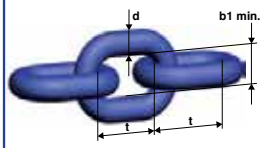
Winner 200 G10 Sling Chains

Manufactured in accordance with EN818-2 with increased loadings and reduced temperature rating (max. 200°C)

WIN 200 **Round steel chain**	**Code**	**Nominal-diameter** **[d]**	**Standard delivery length** **[m]**	**Pitch** **[t]**	**Inside width** **[b1 min.]**	**Outside width** **[b2 max.]**	**WLL** **[tonnes]**	**Breaking force** **[kN]**	**Weight** **[kg/m]**	**Price**
	WIN 5 200	5	100	16	8	19	1.00	39.3	0.61	**£7.31**
	WIN 6 200	6	200	18	9	22	1.40	56.5	0.96	**£7.60**
	WIN 7 200	7	300	21	10	25	1.90	77	1.20	**£7.83**
	WIN 8 200	8	250	24	11	29	2.50	100	1.57	**£10.15**
	WIN 10 200	10	150	30	14	36	4.00	157	2.46	**£11.16**
	WIN 13 200	13	100	39	18	47	6.70	266	4.18	**£18.36**
	WIN 16 200	16	100	48	22	58	10.00	402	6.28	**£26.48**
	WIN 19 200	19	50	57	27	69	14.00	567	8.92	**£42.85**
	WIN 22 200	22	50	66	30	79	19.00	760	11.88	**£69.85**
	WIN 26 200	26	25	78	35	94	26.50	1062	16.18	**£146.06**
	WIN 32 200	32	20	96	43	115	40.00	1610	24.10	**£248.60**

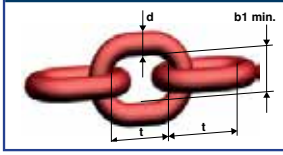
Winner 400 G10 Sling Chains

Manufactured in accordance with EN818-2 with increased loadings. Max. working temperature 380°C.

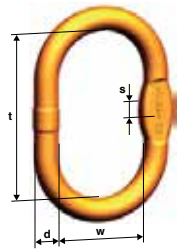
WIN 400 **Round steel chain**	**Code**	**Nominal-diameter** **[d]**	**Standard delivery length** **[m]**	**Pitch** **[t]**	**Inside width** **[b1 min.]**	**Outside width** **[b2 max.]**	**WLL** **[tonnes]**	**Breaking force** **[kN]**	**Weight** **[kg/m]**	**Price**
	WIN 5 400	5	50	16	8	19	1.00	39.30	0.61	**£8.40**
	WIN 6 400	6	50	18	9	22	1.40	56.50	0.96	**£11.57**
	WIN 7 400	7	50	21	10	25	1.90	77	1.20	**£12.28**
	WIN 8 400	8	50	24	11	29	2.50	101	1.57	**£15.95**
	WIN 10 400	10	50	30	14	36	4.00	157	2.46	**£18.48**
	WIN 13 400	13	50	39	18	47	6.70	265	4.18	**£33.36**
	WIN 16 400	16	25	48	22	58	10.00	402	6.28	**£43.52**
	WIN 19 400	19	25	57	27	69	14.00	567	8.92	**£70.77**
	WIN 22 400	22	25	66	30	79	19.00	760	11.88	**£108.68**
	WIN 26 400	26	25	78	35	94	26.50	1060	16.18	**£178.07**
	WIN 32 400	32	20	96	43	115	40.00	1610	24.10	**£312.40**

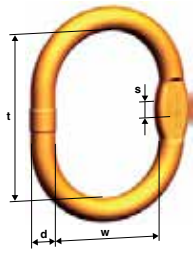
Pewag Nicroman G8 Sling Chains

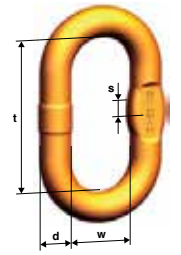
Manufactured in accordance with EN818-2

Ni **Round steel chain**	**Code**	**Nominal-diameter** **[d]**	**Standard delivery length** **[m]**	**Pitch** **[t]**	**Inside width** **[b1 min.]**	**Outside width** **[b2 max.]**	**WLL** **[tonnes]**	**Breaking force** **[kN]**	**Weight** **[kg/m]**	**Price**
	Ni 32	32	25	96	42	118	31.5	1290	24.10	**£200.82**

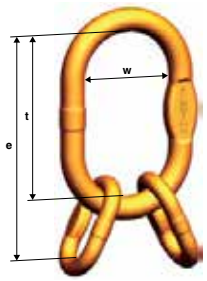
WINNER COMPONENTS

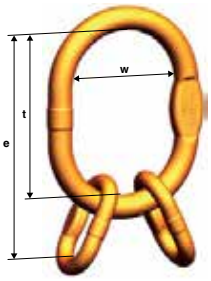
AW **Master link**	Code	WLL 0–45° [2] [tonnes]	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	s [mm]	Weight [kg/pc.]	Master link for chain Ø 1 leg A I [mm]	2 leg A II [mm]	3+4 leg A III/IV [mm]	Price
	AW 10	1.40	Nr. 1,6	10	80	50	10	0,14	5	5	-	**£4.05**
	AW 13	2.30	Nr. 2,5	13	110	60	10	0,34	6+7	6	5	**£5.58**
	AW 16	3.50	Nr. 2,5	16	110	60	14	0,53	8	7	-	**£6.20**
	AW 18	5.00	Nr. 5	19	135	75	14	0,92	10	8	6	**£8.93**
	AW 22	7.60	Nr. 6	23	160	90	17	1,60	13	10	7+8	**£13.37**
	AW 26	10.00	Nr. 8	27	180	100	20	2,46	16	13	10	**£19.54**
	AW 32	14.00	Nr. 10	33	200	110	26	4,14	19	16	13	**£33.26**
	AW 36	25.10	Nr. 16	36	260	140	-	6,22	22	19	16	**£51.45**
	AW 45	30.80	Nr. 25	45	340	180	-	12,82	26	22	-	**£101.24**
	AW 50	40.00	Nr. 32	50	350	190	-	16,55	32	26	19+22	**£149.20**
	AW 56	64.00	Nr. 32	60	400	200	-	27,01	-	32	26	**£337.69**
	AW 72	85.00	Nr. 50	70	460	250	-	45,00	-	-	32	**£963.60**
	A72 (G8)	81.50	Nr. 50	70	460	250	-	45,00	-	-	32	**£409.44**

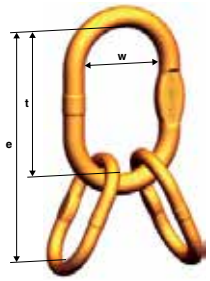
MW & SAW **Enlarged master link**	Code	WLL 0–45° [tonnes]	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	s [mm]	Weight [kg/pc.]	Master link for chain Ø 1 leg A I [mm]	2 leg A II [mm]	3+4 leg A III/IV [mm]	Price
	MW 10	1.40	Nr. 2,5	11	90	65	10	0,22	5	5	-	**£4.32**
	MW 13	2.30	Nr. 4	14	120	70	10	0,44	6+7	6	5	**£5.78**
	MW 16	3.20	Nr. 5	16	140	80	13	0,67	8	7	-	**£9.21**
	MW 18	4.20	Nr. 6	19	160	95	14	1,09	10	8	6	**£12.86**
	MW 22	6.70	Nr. 10	23	160	110	17	1,69	13	10	7+8	**£17.36**
	MW 26	10.10	Nr. 10	27	190	110	20	2,65	16	13	10	**£23.58**
	MW 32	16.00	Nr. 12	33	230	130	26	4,78	19	16	13	**£37.84**
	MW 36	21.20	Nr. 20	38	275	150	29	7,48	22	19	16	**£59.75**
	MW 56	40.00	Nr. 50	56	350	250	-	21,98	32	26	19+22	**£347.07**
	SAW 32	10.00	Nr. 50	33	540	250	26	9,25	-	-	-	**£119.04**
	SAW 45	22.50	Nr. 50	45	540	250	39	18,70	-	-	-	**£225.77**
	SAW 60	31.50	Nr. 100	60	800	320	55	48,00	-	-	-	**£1279.27**

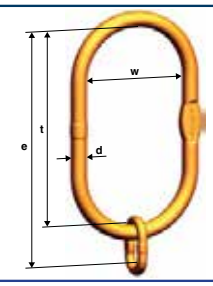
BW **Transition link**	Code	WLL 0–45° [tonnes]	d [mm]	t [mm]	w [mm]	s [mm]	Weight [kg/pc.]	Transition link for chain Ø 1 + 2 leg [mm]	3 + 4leg [mm]	Price
	BW 7	1.00	7	36	16	7	0,03	5	-	**£3.19**
	BW 8	1.40	8	36	16	-	0,03	6	-	**£3.19**
	BW 9	1.90	9	44	20	-	0,07	7	-	**£3.46**
	BW 10	2.50	10	44	20	-	0,09	8	5	**£3.46**
	BW 13	4.00	13	54	25	10	0,17	10	6	**£4.07**
	BW 16	6.70	17	70	34	14	0,36	13	7+8	**£5.02**
	BW 20	10.00	20	85	40	-	0,68	16	10	**£7.70**
	BW 22	12.50	23	115	50	17	1,16	-	13	**£13.56**
	BW 23	14.00	23	115	45	17	1,15	19	-	**£13.56**
	BW 26	16.20	27	140	65	20	1,92	-	16	**£18.89**
	BW 27	19.00	27	140	55	20	1,92	22	-	**£18.89**
	BW 32	26.50	33	150	70	26	3,16	26	19	**£28.83**
	BW 36	31.00	36	170	75	-	4,12	-	22	**£37.84**
	BW 40	40.40	40	170	80	-	5,37	32	-	**£72.66**
	BW 45	42.40	45	170	80	-	7,15	-	26	**£123.98**
	BW 50	64.00	50	200	100	-	10,80	-	32	**£173.80**
	B 50 (G8)	58.00	50	200	100	-	10,80	-	32	**£123.98**

Pewag Winner G10

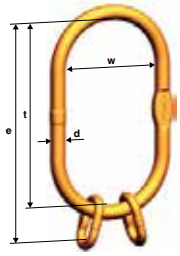
VW **Quad master link assembly**	Code	Consisting of	WLL 0–45° [tonnes]	Can be used on DIN 15401 specification hook	e [mm]	t [mm]	w [mm]	Weight [kg/pc.]	Price
	VW 5	AW 13 + 2 BW 10	2.300	Nr. 2,5	154	110	60	0,52	**£12.30**
	VW 6	AW 18 + 2 BW 13	4.200	Nr. 5	189	135	75	1,26	**£17.69**
	VW 7/8	AW 22 + 2 BW 16	7.600	Nr. 6	230	160	90	2,32	**£19.36**
	VW 10	AW 26 + 2 BW 20	9.600	Nr. 8	265	180	100	3,68	**£30.61**
	VW 13	AW 32 + 2 BW 22	14.000	Nr. 10	315	200	110	6,46	**£52.91**
	VW 16	AW 36 + 2 BW 26	21.200	Nr. 16	400	260	140	10,06	**£91.44**
	VW 19/20	AW 50 + 2 BW 32	34.100	Nr. 32	500	350	190	22,87	**£195.86**
	VW 22	AW 50 + 2 BW 36	40.000	Nr. 32	520	350	190	24,79	**£216.70**
	VW 26	AW 56 + 2 BW 45	56.000	Nr. 32	570	400	200	41,31	**£408.05**
	VW 32	AW 72 + 2 BW 50	85.000	Nr. 50	660	460	250	66,60	**£1401.40**
	V 32 (G8)	A 72 + 2 B 50	76.000	Nr. 50	660	460	250	66,60	**£602.79**

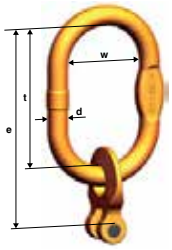
VMW **Enlarged quad master link assembly**	Code	Consisting of	WLL 0–45° [2] [tonnes]	Can be used on DIN 15401 specification hook	e [mm]	t [mm]	w [mm]	Weight [kg/pc.]	Price
	VMW 6	MW 18 + 2 BW 13	4.200	Nr. 6	214	160	95	1,43	**£20.68**
	VMW 7/8	MW 22 + 2 BW 16	6.600	Nr. 10	230	160	110	2,41	**£27.49**
	VMW 10	MW 26 + 2 BW 20	10.100	Nr. 10	275	190	110	4,01	**£36.10**
	VMW 13	MW 32 + 2 BW 22	15.700	Nr. 12	345	230	130	6,90	**£64.57**
	VMW 16	MW 36 + 2 BW 26	21.200	Nr. 20	415	275	150	11,12	**£97.50**
	VMW 19/20	MW 56 + 2 BW 32	34.100	Nr. 50	500	350	250	28,08	**£389.26**
	VMW 22	MW 56 + 2 BW 36	40.000	Nr. 50	520	350	250	30,62	**£494.80**

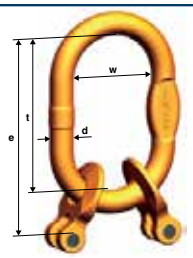
VAW **Special quad master link assembly**	Code	Consisting of	WLL 0–45° [tonnes]	Can be used on DIN 15401 specification hook	e [mm]	t [mm]	w [mm]	Weight [kg/pc.]	Price
	VAW 6/7	AW 18 + 2 AW 14	5.00	Nr. 5	245	135	75	1,72	**£23.10**
	VAW 8	AW 22 + 2 AW 16	6.30	Nr. 6	270	160	90	2,66	**£29.64**
	VAW 10	AW 26 + 2 AW 18	9.50	Nr. 8	315	180	100	4,30	**£69.01**
	VAW 13	AW 32 + 2 AW 26	16.10	Nr. 10	380	200	110	9,06	**£104.00**
	VAW 16	AW 36 + 2 AW 32	25.10	Nr. 16	460	260	140	14,50	**£192.93**
	VAW 19/20	AW 50 + 2 MW 36	41.10	Nr. 32	625	350	190	31,51	**£289.84**
	VAW 22	AW 50 + 2 AW 45	47.40	Nr. 32	690	350	190	42,19	**£404.52**
	VAW 26	AW 56 + 2 AW 50	58.00	Nr. 32	750	400	200	56,40	**£844.19**
	VAW 32	AW 72 + 2 AW 56	85.00	Nr. 50	860	460	250	99,02	**£1867.80**
	VA 32 (G8)	A 72 + 2 AW 56	78.700	Nr. 50	860	460	250	99,02	**£962.84**

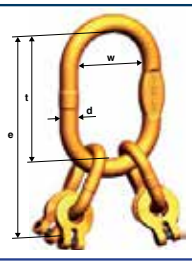
VLW 1 **Oversize master link assembly**	Code	Consisting of	WLL 0–45° [tonnes]	Can be used on DIN 15401 specification hook	e [mm]	d [mm]	t [mm]	w [mm]	Weight [kg/pc.]	Price
	VLW 1-6/7/8	LW 22 + BW 13	2.50	Nr. 25	394	22	340	180	3,40	**£82.07**
	VLW 1-10	LW 27 + BW 16	4.00	Nr. 25	410	27	340	180	4,80	**£65.26**
	VLW 1-13	LW 27	6.70	Nr. 25	340	27	340	180	4,40	**£59.71**
	VLW 1-16	LW 32	10.00	Nr. 25	340	33	340	180	6,70	**£62.48**
	VLW 1-19/22	LW 40	19.00	Nr. 25	340	40	340	180	10,00	**£118.23**

Pewag Winner G10

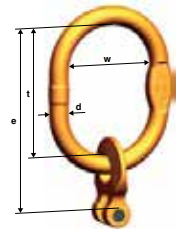
VLW 2/4 **Oversize master link assembly**	Code	Consisting of	WLL 0–45° [tonnes]	Can be used on DIN 15401 specification hook	e [mm]	d [mm]	t [mm]	w [mm]	Weight [kg/pc.]	Price
	VLW 2-6/7/8/4-6	LW 22 + 2 BW 13	3.55	Nr. 25	394	22	340	180	3,50	**£89.10**
	VLW 2-10/4-7/8	LW 27 + 2 BW 16	5.60	Nr. 25	410	27	340	180	5,10	**£71.57**
	VLW 2-13/4-10	LW 32 + 2 BW 20	9.50	Nr. 25	425	33	340	180	8,00	**£111.20**
	VLW 2-16/4-13	LW 40 + 2 BW 22	14.00	Nr. 25	455	40	340	180	12,30	**£133.63**
	VLW 2-19/4-16	LW 40 + 2BW 26	21.20	Nr. 25	480	40	340	180	13,80	**£148.76**
	Example of multi-leg sling: VLW 2-10/4-7/8 can be used for 10 mm 2-leg slings and for 7+8 mm 4-leg sling.									

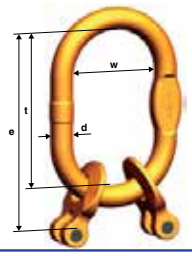
KAGW 1 **Clevis master set**	Code	WLL [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	KAGW 1-6	1.40	6	Nr. 2,5	13	110	60	141	0,42	**£12.11**
	KAGW 1-7	1.90	7	Nr. 2,5	13	110	60	153	0,54	**£14.18**
	KAGW 1-8	2.50	8	Nr. 2,5	16	110	60	153	0,73	**£14.71**
	KAGW 1-10	4.00	10	Nr. 5	19	135	75	186	1,28	**£20.74**
	KAGW 1-13	6.70	13	Nr. 6	23	160	90	223	2,30	**£32.54**
	KAGW 1-16	10.00	16	Nr. 8	27	180	100	254	3,67	**£52.66**
	KAGW 1-19/20	14.00	19	Nr. 10	33	200	110	290	6,52	**£84.52**
	KAGW 1-22	19.00	22	Nr. 16	36	260	140	357	9,43	**£110.28**

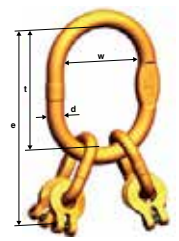
KAGW 2 **Clevis master set**	Code	WLL 0°–45° / 45°–60° [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	KAGW 2-6	2.00 / 1.40	6	Nr. 2,5	13	110	60	141	0,50	**£19.03**
	KAGW 2-7	2.65 / 1.90	7	Nr. 2,5	16	110	60	153	0,93	**£24.75**
	KAGW 2-8	3.55 / 2.50	8	Nr. 5	19	135	75	178	1,26	**£26.11**
	KAGW 2-10	5.60 / 4.00	10	Nr. 6	23	160	90	211	2,32	**£36.03**
	KAGW 2-13	9.50 / 6.70	13	Nr. 8	27	180	100	243	3,86	**£58.71**
	KAGW 2-16	14.00 / 10.00	16	Nr. 10	33	200	110	274	6,56	**£95.69**
	KAGW 2-19/20	20.00 / 14.00	19	Nr. 16	36	260	140	350	10,98	**£152.16**
	KAGW 2-22	26.50 / 19.00	22	Nr. 25	45	340	180	437	19,24	**£221.95**

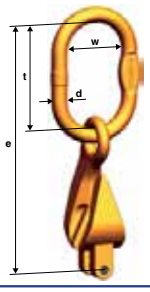
KAGW 4 **Clevis master set**	Code	WLL 0°–45° / 45°–60° [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	KAGW 4-6	3.00 / 2.12	6	Nr. 5	19	135	75	220	1,52	**£44.17**
	KAGW 4-7	4.00 / 2.80	7	Nr. 6	23	160	90	273	3,12	**£52.82**
	KAGW 4-8	5.30 / 3.75	8	Nr. 6	23	160	90	273	3,12	**£56.42**
	KAGW 4-10	8.00 / 6.00	10	Nr. 8	27	180	100	316	5,12	**£77.86**
	KAGW 4-13	14.00 / 10.00	13	Nr. 10	33	200	110	378	9,26	**£132.07**
	KAGW 4-16	21.20 / 15.00	16	Nr. 16	36	260	140	474	14,90	**£219.08**
	KAGW 4-19/20	30.00 / 21.20	19	Nr. 32	50	350	190	590	32,39	**£405.93**
	KAGW 4-22	40.00 / 28.00	22	Nr. 32	50	350	190	617	37,63	**£467.12**

Pewag Winner G10

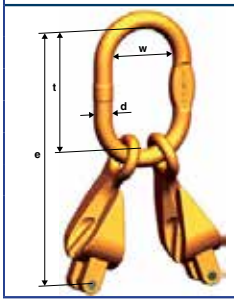
KMGW 1 Enlarged clevis master set	Code	WLL [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	KMGW 1-6	1.40	6	Nr. 4	14	120	70	151	0,52	**£15.82**
	KMGW 1-8	2.50	8	Nr. 5	16	140	80	183	0,87	**£19.65**
	KMGW 1-10	4.00	10	Nr. 6	19	160	95	211	1,45	**£27.77**
	KMGW 1-13	6.70	13	Nr. 10	23	160	110	223	2,39	**£45.62**
	KMGW 1-16	10.00	16	Nr. 10	27	190	110	264	3,86	**£65.77**

KMGW 2 Enlarged clevis master set	Code	WLL 0°–45° / 45°–60° [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	KMGW 2-6	2.00 / 1.40	6	Nr. 4	14	120	70	151	0,60	**£23.72**
	KMGW 2-8	3.55 / 2.50	8	Nr. 6	19	160	95	203	1,49	**£37.97**
	KMGW 2-10	5.60 / 4.00	10	Nr. 10	23	160	110	211	2,41	**£49.25**
	KMGW 2-13	9.50 / 6.70	13	Nr. 10	27	190	110	253	4,05	**£80.31**
	KMGW 2-16	14.00 / 10.00	16	Nr. 12	33	230	130	304	7,20	**£121.17**

KMGW 4 Enlarged clevis master set	Code	WLL 0°–45° / 45°–60° [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	KMGW 4-6	3.00 / 2.12	6	Nr. 6	19	160	95	245	1,75	**£57.65**
	KMGW 4-8	5.30 / 3.75	8	Nr. 10	23	160	110	273	3,21	**£77.79**
	KMGW 4-10	8.00 / 6.00	10	Nr. 10	27	190	110	326	5,45	**£104.59**
	KMGW 4-13	14.00 / 10.00	13	Nr. 12	33	230	130	408	9,90	**£175.21**
	KMGW 4-16	21.20 / 15.00	16	Nr. 20	38	275	150	489	16,00	**£298.40**

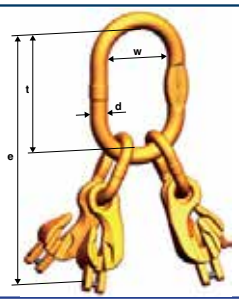
VXKW 1 Clevis master set with integral shortener	Code	WLL [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
	VXKW 1-5	1.00	5	Nr. 1,6	10	80	50	164	0,44	**£16.63**
	VXKW 1-6	1.40	6	Nr. 2,5	13	110	60	194	0,64	**£18.03**
	VXKW 1-7	1.90	7	Nr. 2,5	13	110	60	232	0,96	**£24.42**
	VXKW 1-8	2.50	8	Nr. 2,5	16	110	60	232	1,16	**£24.97**
	VXKW 1-10	4.00	10	Nr. 5	19	135	75	294	2,11	**£33.54**
	VXKW 1-13	6.70	13	Nr. 6	23	160	90	363	4,30	**£57.21**
	VXKW 1-16	10.00	16	Nr. 8	27	180	100	413	7,26	**£85.97**

VXKW 2
Clevis master set with integral shorteners



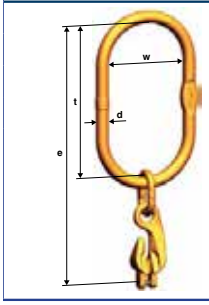
Code	WLL 0°–45° / 45°–60° [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
VXKW 2-5	1.40 / 1.00	5	Nr. 1,6	10	80	50	164	0,74	**£31.22**
VXKW 2-6	2.00 / 1.40	6	Nr. 2,5	13	110	60	194	0,94	**£32.59**
VXKW 2-7	2.65 / 1.90	7	Nr. 2,5	16	110	60	232	1,77	**£43.01**
VXKW 2-8	3.55 / 2.50	8	Nr. 5	19	135	75	257	2,12	**£45.51**
VXKW 2-10	5.60 / 4.00	10	Nr. 6	23	160	90	319	4,10	**£63.73**
VXKW 2-13	9.50 / 6.70	13	Nr. 8	27	180	100	383	7,86	**£107.51**
VXKW 2-16	14.00 / 10.00	16	Nr. 10	33	200	110	433	13,74	**£171.22**

VXKW 4
Clevis master set



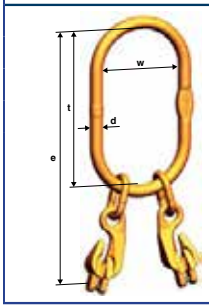
Code	WLL 0°–45° / 45°–60° [tonnes]	For chain dia. Ø	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
VXKW 4-5	2.00 / 1.50	5	Nr. 2,5	13	110	60	238	1,72	**£64.26**
VXKW 4-6	3.00 / 2.12	6	Nr. 5	19	135	75	273	2,40	**£67.45**
VXKW 4-7	4.00 / 2.80	7	Nr. 6	23	160	90	352	4,84	**£90.16**
VXKW 4-8	5.30 / 3.75	8	Nr. 6	23	160	90	352	4,84	**£91.08**
VXKW 4-10	8.00 / 6.00	10	Nr. 8	27	180	100	424	8,82	**£127.55**
VXKW 4-13	14.00 / 10.00	13	Nr. 10	33	200	110	518	17,26	**£227.73**
VXKW 4-16	21.20 / 15.00	16	Nr. 16	36	260	140	633	29,26	**£346.13**

LXKW 1
Oversize clevis master set



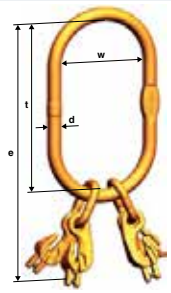
Code	WLL [tonnes]	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
LXKW 1-6	1.40	Nr. 25	23	340	180	478	3,70	**£58.85**
LXKW 1-8	2.50	Nr. 25	23	340	180	516	4,00	**£60.44**
LXKW 1-10	4.00	Nr. 25	27	340	180	569	6,00	**£76.18**
LXKW 1-13	6.70	Nr. 25	27	340	180	629	7,80	**£108.10**
LXKW 1-16	10.00	Nr. 25	33	340	180	688	12,70	**£181.99**

LXKW 2
Oversize clevis master set



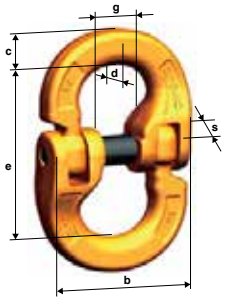
Code	WLL 0°–45° / 45°–60° [tonnes]	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
LXKW 2-6	2.00 / 1.40	Nr. 25	23	340	180	478	4,14	**£92.61**
LXKW 2-8	3.55 / 2.50	Nr. 25	23	340	180	516	4,80	**£103.08**
LXKW 2-10	5.60 / 4.00	Nr. 25	27	340	180	569	7,60	**£120.55**
LXKW 2-13	9.50 / 6.70	Nr. 25	33	340	180	629	13,50	**£194.24**
LXKW 2-16	14.00 / 10.00	Nr. 25	40	340	180	688	21,90	**£327.35**

LXKW 4
Oversize clevis master set



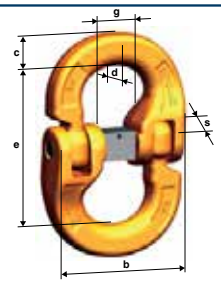
Code	WLL 0°–45° / 45°–60° [tonnes]	Can be used on DIN 15401 specification hook	d [mm]	t [mm]	w [mm]	e [mm]	Weight [kg/pc.]	Price
LXKW 4-6	3.00 / 2.12	Nr. 25	23	340	180	478	4,70	**£104.67**
LXKW 4-8	5.30 / 3.75	Nr. 25	27	340	180	532	7,60	**£134.38**
LXKW 4-10	8.00 / 6.00	Nr. 25	33	340	180	584	13,10	**£188.14**
LXKW 4-13	14.00 / 10.00	Nr. 25	40	340	180	659	23,10	**£321.29**
LXKW 4-16	21.20 / 15.00	Nr. 25	40	340	180	713	33,10	**£563.08**

CW
Connex connecting link



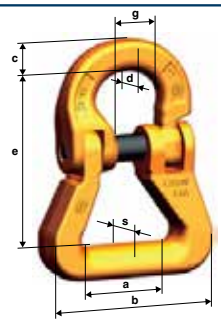
Code	WLL [tonnes]	e [mm]	c [mm]	s [mm]	d [mm]	b [mm]	g [mm]	Weight [kg/pc.]	Price
CW 5	1.00	36	7	9	7	35	13	0,05	**£6.78**
CW 6	1.40	44	8	11	8	39	14	0,06	**£7.01**
CW 7	1.90	51	10	13	9	47	17	0,12	**£7.23**
CW 8	2.50	62	12	14	10	55	18	0,23	**£8.76**
CW 10	4.00	72	15	18	13	64	24	0,42	**£10.02**
CW 13	6.70	88	20	22	17	79	28	0,84	**£14.93**
CW 16	10.00	103	21	29	21	106	33	1,40	**£22.52**
CW 19/20	16.00	115	30	35	25	118	42	2,40	**£34.24**
CW 22	19.00	161	34	39	25	148	51	4,15	**£52.93**
CW 26	26.50	190	40	46	30	175	60	6,70	**£125.04**
CW 32	40.00	206	47	56	35	216	80	11,20	**£215.68**
C32 (G8)	31.50	194	40	50	32	195	80	8,46	**£185.23**

CLW
Connex connecting link
(Tamper proof)



Code	WLL [kg]	e [mm]	c [mm]	s [mm]	d [mm]	b [mm]	g [mm]	Weight [kg/pc.]	Price
CLW 7	1.90	51	10	13	9	47	17	0,12	**£16.50**
CLW 10	4.00	72	15	18	13	64	24	0,42	**£19.58**
CLW 13	6.70	88	20	22	17	79	28	0,84	**£28.48**
CLW 16	10.00	103	21	29	21	106	33	1,14	**£39.25**

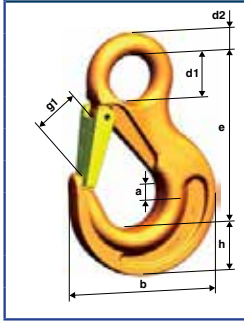
CARW
Round sling connecting link



Code	WLL [tonnes]	a [mm]	e [mm]	c [mm]	d [mm]	b [mm]	s [mm]	g [mm]	Weight [kg/pc.]	Price
CARW 8	2.50	29	66	12	10	65	18	18	0,40	**£16.41**
CARW 10	4.00	40	81	15	13	82	21	24	0,55	**£22.29**
CARW 13	6.70	50	104	20	17	100	28	28	1,20	**£32.88**
CARW 16	10.00	47	113	21	21	110	40	33	2,00	**£47.85**
CARW 22	19.00	109	178	29	27	215	59	48	6,50	**£85.63**

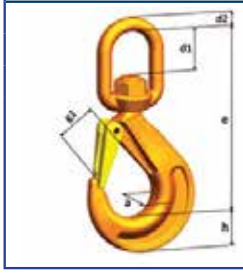
Pewag Winner G10

HSW
Eye sling hook



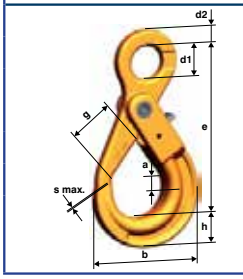
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d1 [mm]	d2 [mm]	g1 [mm]	b [mm]	Weight [kg/pc.]	Price
HSW 5/6	1.40	85	21	17	20	10	19	68	0,30	**£7.95**
HSW 7/8	2.50	106	27	19	25	11	26	88	0,50	**£10.22**
HSW 10	4.00	131	33	26	34	16	31	109	1,10	**£14.73**
HSW 13	6.70	164	44	33	43	19	39	134	2,20	**£21.76**
HSW 16	10.00	183	50	40	50	25	45	155	3,50	**£43.59**
HSW 19/20	16.00	205	55	48	55	27	53	178	5,80	**£73.00**
HSW 22	19.00	225	62	50	60	29	62	196	8,00	**£110.44**
HSW 26	26.50	259	75	60	70	37	73	235	13,40	**£174.52**
HSW 32	40.00	299	97	82	66	45	87	291	27,50	**£560.83**
HS 32 (G8)	31.50	299	89	78	66	42	87	281	22,40	**£481.66**

WSBW
Eye swivel hook with bearing
(Max. working temp. 120°C)



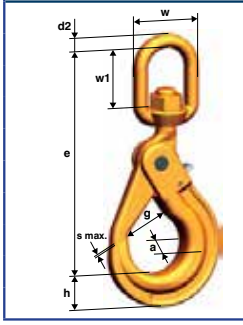
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d1 [mm]	d2 [mm]	g1 [mm]	Weight [kg/pc.]	Price
WSBW 7/8	2.50	153	28	19	37	13	26	0,85	**£40.07**
WSBW 10	4.00	183	33	25	41	16	30	1,56	**£53.72**
WSBW 13	6.70	221	40	30	47	20	38	2,71	**£73.50**

LHW
Eye safety hook



Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	b [mm]	d1 [mm]	d2 [mm]	g [mm]	s max. [mm]	Weight [kg/pc.]	Price
LHW 5/6	1.40	110	20	17	71	21	11	28	1	0,50	**£21.85**
LHW 7/8	2.50	136	26	20	88	25	12	34	1	0,90	**£25.81**
LHW 10	4.00	169	30	29	107	35	15	45	1	1,50	**£39.15**
LHW 13	6.70	205	40	35	138	40	20	52	2	2,70	**£61.08**
LHW 16	10.00	251	50	41	168	50	27	60	2	5,70	**£98.30**
LHW 19/20	16.00	290	62	50	194	60	30	70	2	9,80	**£262.00**
LHW 22	19.00	322	65	52	211	70	32	81	2	12,40	**£297.29**

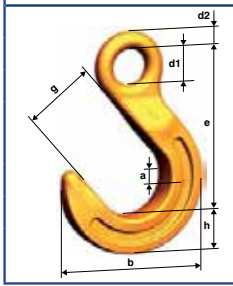
WLHW / WLHBW
Eye swivel safety hook
(WLHBW with ball bearing)



Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	w [mm]	w1 [mm]	d2 [mm]	g [mm]	s max. [mm]	Weight [kg/pc.]	Price
WLHW 6	1.400	160	20	17	35	35	13	28	1	0,60	**£34.46**
WLHW 7/8	2.500	181	26	20	35	35	13	34	1	1,10	**£50.23**
WLHW 10	4.000	218	30	29	42	40	16	45	1	2,00	**£63.73**
WLHW 13	6.700	269	40	35	49	47	20	52	2	4,00	**£98.00**
WLHW 16	10.0	319	50	41	60	60	24	60	2	6.80	**£190.41**
WLHBW 6	1.40	160	20	17	35	35	13	28	1	0.60	**£51.65**
WLHBW 7/8	2.50	181	26	20	35	35	13	34	1	1.10	**£88.87**
WLHBW 10	4.00	218	30	29	42	40	16	45	1	2.00	**£95.66**
WLHBW 13	6.70	269	40	35	49	47	20	52	2	4.00	**£146.98**
WLHBW 16	10.00	319	50	41	60	60	24	60	2	6.80	**£285.63**

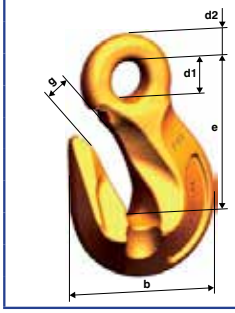
Pewag Winner G10

FW
Eye foundry hook



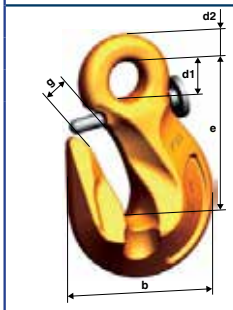
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d1 [mm]	d2 [mm]	g [mm]	b [mm]	Weight [kg/pc.]	Price
FW 7/8	2.50	131	29	25	24	11	64	118	0,92	**£16.41**
FW 10	4.00	158	35	32	31	14	76	143	1,77	**£22.63**
FW 13	6.70	190	42	40	39	17	89	170	2,82	**£36.97**
FW 16	10.00	224	50	46	47	22	102	200	5,03	**£69.21**
FW 19/20	16.00	260	61	54	56	28	114	231	7,60	**£114.93**
F 22 (G8)	15.00	265	69	65	47	32	127	260	13,40	**£303.12**
F 26 (G8)	21.20	305	80	72	54	34	136	280	19,21	**£457.05**
F 32 (G8)	31.50	327	93	83	60	37	152	336	28,00	**£1076.61**

PW
Eye grab hook



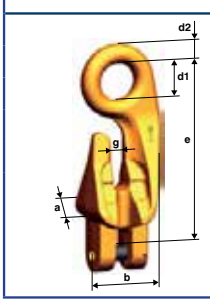
Code	WLL [tonnes]	e [mm]	b [mm]	d1 [mm]	d2 [mm]	g [mm]	Weight [kg/pc.]	Price
PW 5/6	1.40	51	48	12	9	8	0,18	**£3.57**
PW 7/8	2.50	71	58	20	12	11	0,40	**£4.91**
PW 10	4.00	88	76	22	15	13	0,90	**£8.90**
PW 13	6.70	98	98	24	17	16	1,60	**£16.63**
PW 16	10.00	129	118	32	23	19	3,60	**£19.81**
PW 19/20	16.00	151	150	36	27	25	6,15	**£35.94**
PW 22	19.00	170	165	42	31	27	8,30	**£70.57**
PW 26	26.50	201	195	50	37	32	13,80	**£498.54**
PW 32	40.00	243	242	60	43	38	25,00	**£821.60**
P32 (G8)	31.50	240	210	60	40	39	18,60	**£705.62**

PSW
Eye grab hook with safety catch



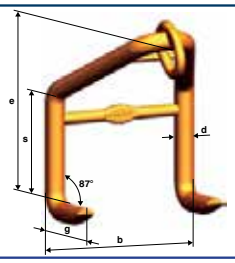
Code	WLL [tonnes]	e [mm]	b [mm]	d1 [mm]	d2 [mm]	g [mm]	Weight [kg/pc.]	Price
PSW 7/8	2.50	71	58	20	12	11	0,40	**£10.32**
PSW 10	4.00	88	76	22	15	13	0,90	**£15.18**
PSW 13	6.70	98	98	24	17	16	1,60	**£24.95**
PSW 16	10.00	129	118	32	23	19	3,60	**£42.02**

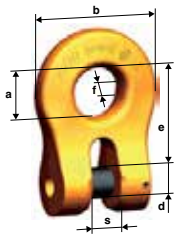
XKW
Clevis shortening hook

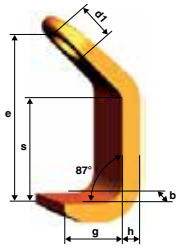


Code	WLL [tonnes]	e [mm]	b [mm]	a [mm]	d1 [mm]	d2 [mm]	g [mm]	Weight [kg/pc.]	Price
XKW 5/6	1.40	84	37	29	18	9	8	0,30	**£13.18**
XKW 7	1.90	122	54	39	24	12	11	0,62	**£20.09**
XKW 8	2.50	122	54	39	24	12	11	0,63	**£20.09**
XKW 10	4.00	159	70	50	31	14	13	1,25	**£28.72**
XKW 13	6.70	203	92	64	37	18	15	2,70	**£41.10**
XKW 16	10.00	234	102	80	48	24	20	4,80	**£92.25**

Pewag Winner G10

GHW Fork hook	Code	WLL [tonnes]	s [mm]	b [mm]	g [mm]	d [mm]	e [mm]	BW link type	Weight [kg/pc.]	Price
	GHW 5/6	1.40	100	190	65	23	203	BW 13	2,70	**£155.10**
	GHW 7/8	2.50	150	254	100	30	300	BW 16	6,50	**£275.33**
	GHW 10	4.00	200	380	130	40	402	BW 22	16,10	**£490.85**
	GH 13 (G8)	5.30	300	500	195	50	592	BW 26	36,50	**£651.78**
	GH 16 (G8)	8.00	400	600	250	60	781	BW 26	64,50	**£1345.63**

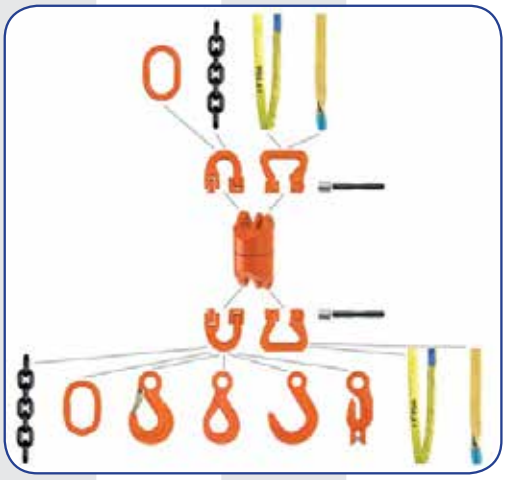
KRW Coupling ring	Code	WLL [tonnes]	e [mm]	s [mm]	a [mm]	b [mm]	f [mm]	d [mm]	Weight [kg/pc.]	Price
	KRW 5/6	1.40	31	7	18	38	8	7	0,08	**£7.03**
	KRW 7	1.90	43	10	24	54	11	9	0,20	**£7.81**
	KRW 8	2.50	43	10	24	54	11	10	0,20	**£8.60**
	KRW 10	4.00	51	12	28	63	14	12,50	0,36	**£11.47**
	KRW 13	6.70	63	15	33	76	17	16	0,70	**£19.14**
	KRW 16	10.00	74	18	40	88	20	20	1,21	**£31.95**
	KRW 19/20	16.00	94	23	50	114	24	24	2,38	**£52.66**
	KRW 22	19.00	102	25	50	122	27	27	3,21	**£63.73**

BWW Sheet metal plate hook	Code	WLL [tonnes]	e [mm]	s [mm]	b [mm]	h [mm]	d1 [mm]	g [mm]	Weight [kg/pc.]	Price
	BWW 7/8	2.50	131	80	50	18	28	55	1,50	**£87.71**
	BWW 10	4.00	168	100	70	20	36	65	2,80	**£113.85**
	BWW 13	6.70	207	130	80	26	40	90	5,30	**£165.53**
	BWW 16	10.00	261	160	100	33	50	110	10,50	**£375.62**
	BWW 19/20	16.00	302	185	120	40	60	130	17,50	**£528.98**
	BWW 22	19.00	363	220	140	50	75	150	30,50	**£743.37**

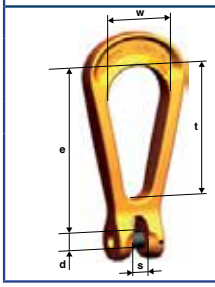
DFW Swivel	Code	WLL [tonnes]	e [mm]	d [mm]	Weight [kg/pc.]	Price
	DFW 7 Complete	1.90	91	53	1,12	**£178.39**
	DFW 8 Complete	2.50	92	53	1,12	**£178.84**
	DFW 10 Complete	4.00	111	63	2,00	**£217.60**

Scope of delivery: 1 swivel, 1 bolt and 1 bush with adaptor sleeve. For mounting the swivel, an additional connecting link Connex CW or a round sling connecting link CARW is needed.

Assembly options: Many other combinations are possible using our broad product range.

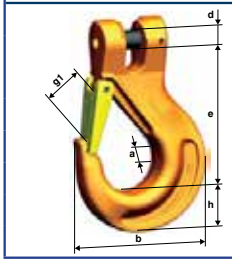


KOW
Clevis reeving link



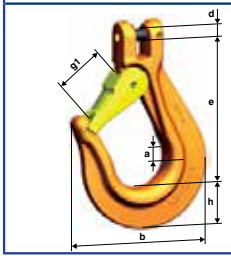
Code	WLL [tonnes]	e [mm]	t [mm]	w [mm]	d [mm]	s [mm]	Weight [kg/pc.]	Price
KOW 7	1.900	92	70	34	9	9	0,28	**£12.30**
KOW 8	2.500	91	70	34	10	9	0,30	**£13.18**
KOW 10	4.000	128	102	50	13	12	0,70	**£20.09**
KOW 13	6.700	169	136	66	16	15	1,40	**£30.55**
KOW 16	10.000	214	172	83	20	18	2,74	**£50.81**

KHSW
Clevis sling hook



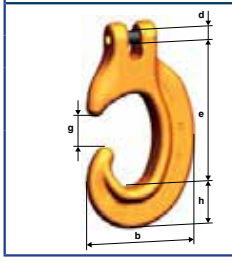
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d [mm]	g1 [mm]	b [mm]	Weight [kg/pc.]	Price
KHSW 5/6	1.40	69	20	15	7	19	66	0,20	**£10.75**
KHSW 7	1.90	95	28	19	9	26	90	0,60	**£11.36**
KHSW 8	2.50	95	28	19	10	26	90	0,60	**£11.36**
KHSW 10	4.00	109	35	25	12,50	31	108	1,10	**£17.22**
KHSW 13	6.70	136	41	34	16	39	131	2,00	**£30.75**
KHSW 16	10.00	155	49	37	20	45	153	3,48	**£53.30**
KHSW 19/20	16.00	184	53	51	24	53	177	5,00	**£85.19**
KHSW 22	19.00	214	62	52	27	62	196	9,00	**£309.63**

GKHSW
Clevis wide bowl sling hook



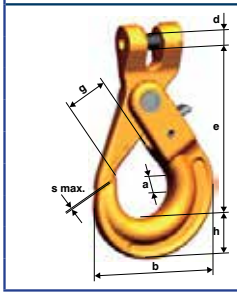
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d [mm]	g1 [mm]	b [mm]	Weight [kg/pc.]	Price
GKHSW 8	2.50	116	33	25	10	32	113	1,10	**£23.61**
GKHSW 10	4.00	126	40	30	12,50	35	132	1,70	**£42.25**

KCHW
Clevis C-hook



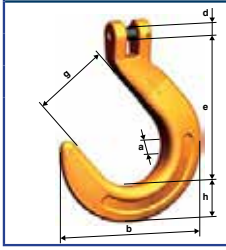
Code	WLL [tonnes]	e [mm]	h [mm]	d [mm]	b [mm]	g [mm]	Weight [kg/pc.]	Price
KCHW 7	1.90	91	28	9	74	20	0,50	**£9.99**
KCHW 8	2.50	90	28	10	74	20	0,50	**£9.99**
KCHW 10	4.00	129	39	12,50	107	28	1,40	**£15.91**
KCHW 13	6.70	166	51	16	137	41	3,00	**£37.92**
KCHW 16	10.00	205	60	20	166	45	5,30	**£82.29**

KLHW
Clevis safety hook



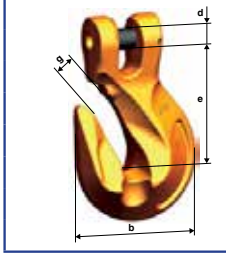
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	b [mm]	d [mm]	g [mm]	s max. [mm]	Weight [kg/pc.]	Price
KLHW 5/6	1.40	94	20	17	71	7	28	1	0,50	**£25.48**
KLHW 7	1.90	123	26	20	88	9	34	1	0,90	**£30.64**
KLHW 8	2.50	123	26	20	88	10	34	1	0,90	**£30.64**
KLHW 10	4.00	144	30	29	107	12,50	45	1	1,60	**£43.28**
KLHW 13	6.70	180	40	35	138	16	52	2	2,90	**£62.04**
KLHW 16	10.00	218	50	41	168	20	60	2	5,80	**£104.06**
KLHW 19/20	16.00	259	62	50	194	24	70	2	9,90	**£267.47**
KLHW 22	19.00	286	65	52	211	27	81	2	12,80	**£390.19**
KLHW 26	26.50	338	79	61	253	33	100	2	20,50	**£797.53**

KFW
Clevis foundry hook



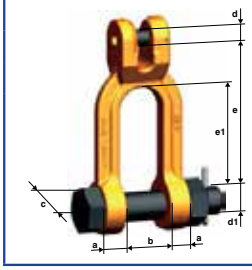
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	g [mm]	d [mm]	b [mm]	Weight [kg/pc.]	Price
KFW 7	1.90	121	29	25	64	9	118	1,00	**£25.48**
KFW 8	2.50	120	29	25	64	10	118	1,00	**£25.48**
KFW 10	4.00	140	35	32	76	12,50	143	1,78	**£40.21**
KFW 13	6.70	170	42	40	89	16	170	2,96	**£64.43**

KPW
Clevis grab hook



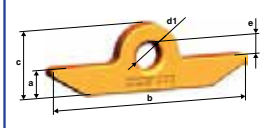
Code	WLL [tonnes]	e [mm]	b [mm]	d [mm]	g [mm]	Weight [kg/pc.]	Price
KPW 5/6	1.40	45	47	7	8	0,19	**£9.23**
KPW 7	1.90	61	58	9	11	0,38	**£9.41**
KPW 8	2.50	61	58	10	11	0,38	**£9.41**
KPW 10	4.00	76	76	12,50	13	0,85	**£14.01**
KPW 13	6.70	104	101	16	17	1,90	**£22.10**
KPW 16	10.00	116	120	20	20	3,60	**£37.72**
KPW 19/20	16.00	141	150	24	25	6,15	**£69.21**
KPW 22	19.00	158	165	27	27	9,00	**£95.27**

KSCHW
Clevis shackle



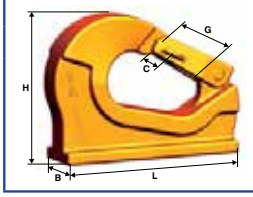
Code	WLL [tonnes]	e [mm]	e1 [mm]	b min. [mm]	a [mm]	d [mm]	c [mm]	d1 [mm]	Weight [kg/pc.]	Price
KSCHW 7	1.90	76	54	26	12	9	31	16	0,49	**£28.93**
KSCHW 8	2.50	76	54	26	12	10	31	16	0,49	**£28.93**
KSCHW 10	4.00	105	76	32	16	12,50	39	20	0,95	**£44.65**
KSCHW 13	6.70	113	77	42	21	16	50	24	1,89	**£54.33**

KNEW
Toggle



Code	For chain	WLL [tonnes]	e [mm]	a [mm]	b [mm]	c [mm]	d1 [mm]	d min. [mm]	d max. [mm]	Connecting link	Price
KNEW 8	8	2.50	10	17	120	38	15	40	60	WIN 10	**£9.98**

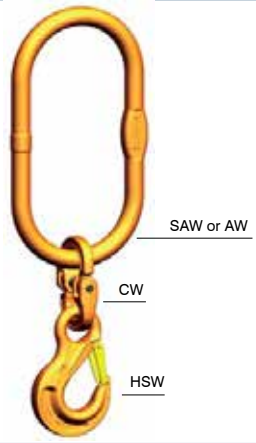
AWHW
Weld-on hook



Code	WLL [tonnes]	L [mm]	H [mm]	G [mm]	B [mm]	C [mm]	Weight [kg/pc.]	Price
AWHW 1,3	1.30	95	71	25	25	34	0,60	**£37.70**
AWHW 3,8	3.80	132	105	29	35	40	1,30	**£47.60**
AWHW 6,3	6.30	167	130	34	45	49	2,80	**£81.75**
AWHW 10	10.00	175	133	34	50	49	3,70	**£124.04**

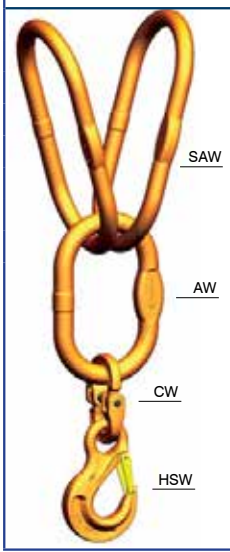
UW Transition assembly for single crane hook according to DIN 15401

In accordance with EN 818-4 with increased load capacity.
For attaching smaller sized chain slings which will not fit on single DIN15401 crane hooks.
Observe the stated load capacity!

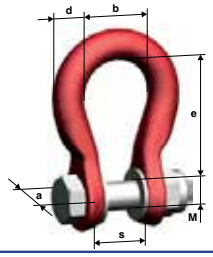
UW Transition assembly for single crane hook	Code	For single hook DIN 15401	WLL [tonnes]	Comprising of	Weight [kg/pc.]	Price
	ÜW 32/4 IAW-HSW Connex	- Nr. 32	4.00	SAW32 / CW16 / HSW10	11,50	P.O.A
	ÜW 32/6,7 IAW-HSW Connex	- Nr. 32	6.70	SAW32 / CW16 / HSW13	12,40	P.O.A
	ÜW 32/10 IAW-HSW Connex	- Nr. 32	10.00	SAW32 / CW16 / HSW16	13,90	P.O.A
	ÜW 32/16 IAW-HSW Connex	- Nr. 32	16.00	AW50 / CW26 / HSW19/20	26,40	P.O.A
	ÜW 32/19 IAW-HSW Connex	- Nr. 32	19.00	AW50 / CW26 / HSW22	29,00	P.O.A
	ÜW 32/26,5 IAW-HSW Connex	- Nr. 32	26.50	AW50 / CW26 / HSW26	33,70	P.O.A
	ÜW 50/6,7 IAW-HSW Connex	- Nr. 50	6.70	SAW45 / CW22 / HSW13	23,90	P.O.A
	ÜW 50/10 IAW-HSW Connex	- Nr. 50	10.00	SAW45 / CW22 / HSW16	25,40	P.O.A
	ÜW 50/16 IAW-HSW Connex	- Nr. 50	16.00	SAW45 / CW22 / HSW19/20	26,60	P.O.A
	ÜW 50/19 IAW-HSW Connex	- Nr. 50	19.00	SAW45 / CW22 / HSW22	29,20	P.O.A
	Ü 50/21,2 IAW-HSW Connex	- Nr. 50	21.20	SAW45 / CW26 / HSW26	35,80	P.O.A
	ÜW 50/40 I AW-HSW Connex	- Nr. 50	40.00	AW72 / CW32 / HSW32	75,80	P.O.A
	ÜW 100/26,5 IA8W-HSW Connex	- Nr. 100	26.50	SAW60 / CW26 / HSW26	65,10	P.O.A
	Ü 100/31,5 IAW-HSW Connex	- Nr. 100	31.50	SAW60 / CW32 / HSW32	78,80	P.O.A

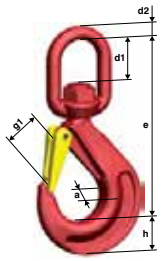
UW Transition assembly for double crane hook according to DIN 15402

In accordance with EN 818-4 with increased load capacity.
For attaching smaller sized chain slings which will not fit on double DIN15402 crane hooks.
Observe the stated load capacity!

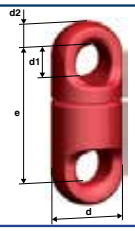
UW Transition assembly for double crane hook	Code	Double hook DIN 15402	WLL [1] [tonnes]	Comprising of	Weight [kg/pc.]	Price
	ÜW 50/4 IIAW-HSW Connex	- Nr. 50	4.000	2xSAW32 / AW36 / CW16 / HSW10	27,00	P.O.A
	ÜW 50/6,7 IIAW-HSW Connex	- Nr. 50	6.700	2xSAW32 / AW36 / CW16 / HSW13	27,90	P.O.A
	ÜW 50/10 IIAW-HSW Connex	- Nr. 50	10.000	2xSAW32 / AW36 / CW16 / HSW16	29,40	P.O.A
	ÜW 50/16 IIAW-HSW Connex	- Nr. 50	16.000	2xSAW32 / AW36 / CW19/20 / HSW19/20	31,60	P.O.A
	ÜW 50/19 IIAW-HSW Connex	- Nr. 50	19.000	2xSAW45 / AW50 / CW26 / HSW22	66,40	P.O.A
	ÜW 50/26,5 IIAW-HSW Connex	- Nr. 50	26.500	2xSAW45 / AW50 / CW26 / HSW26	71,10	P.O.A
	Ü 50/31,5 IIAW-HSW Connex	- Nr. 50	31.500	2xSAW45 / AW50 / CW32 / HSW32	84,80	P.O.A
	ÜW 100/26,5 IIAW-HSW Connex	- Nr. 100	26.500	2xSAW60 / AW50 / CW26 / HSW26	129,70	P.O.A
	ÜW 100/40 IIAW-HSW Connex	- Nr. 100	40.000	2xSAW60 / AW50 / CW32 / HSW32	143,40	P.O.A
	[1] Angle of inclination of SAW: 35° max.					

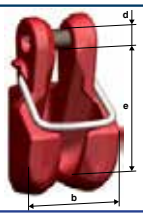
Special Pewag Accessories In G8 Quality

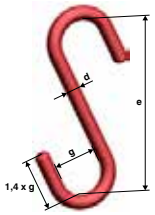
U **Unilock connecting link**	Code	WLL [tonnes]	e [mm]	b [mm]	d [mm]	s [mm]	a [mm]	M [mm]	Weight [kg/pc.]	Price
	U 5/6	1.12	34	21	9	11	16	7	0,07	**£3.99**
	U 7	1.50	49	28	13	16	22	8	0,20	**£4.09**
	U 8	2.00	48	28	13	16	22	10	0,22	**£4.30**
	U 10	3.15	60	35	16	20	27	12	0,38	**£5.39**
	U 13	5.30	72	39	18	24	34	16	0,67	**£15.07**
	U 16	8.00	80	47	23	32	44	20	1,21	**£31.56**
	U 19/20	12.50	96	56	26	36	52	24	1,97	**£44.03**
	U 26	21.20	132	77	33	49	66	30	4,06	**£77.46**

WS **Swivel hook**	Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d1 [mm]	d2 [mm]	g1 [mm]	Weight [kg/pc.]	Price
	WS 7/8	2.00	150	28	19	33	12	26	0,80	**£40.07**
	WS 10	3.15	186	33	25	38	15	30	1,50	**£53.72**
	WS 13	5.30	223	40	30	40	16	38	2,46	**£73.50**
	WS 16	8.00	269	46	33	58	21	43	4,15	**£146.98**

*** Limited stocks - to be replaced by new G10 version WSBW. See page 13.**

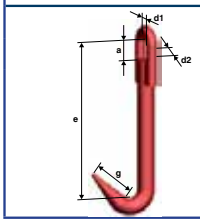
DF **Swivel**	Code	WLL [tonnes]	e [mm]	d [mm]	d1 [mm]	d2 [mm]	Weight [kg/pc.]	Price
	DF 5/6	1.12	44	22	12	7	0,10	**£147.90**
	DF 7/8	2.00	60	27	16	8	0,20	**£159.14**
	DF 10	3.15	74	32	20	10	0,30	**£226.58**
	DF 13	5.30	92	40	25	13	0,60	**£293.11**

KVS **Clevis shortening clutch**	Code	WLL [tonnes]	e [mm]	b [mm]	d [mm]	Weight [kg/pc.]	Price
	KVS 6	1.12	45	36	7	0,27	**£19.59**
	KVS 7	1.50	58	44	9	0,50	**£22.49**
	KVS 8	2.00	58	44	10	0,50	**£22.49**
	KVS 10	3.15	70	55	13	0,80	**£25.23**
	KVS 13	5.30	90	70	16	1,53	**£43.53**

SM **S-hook** **(Special designs possible on request)**	Code	WLL [tonnes]	e [mm]	g [mm]	d [mm]	Weight [kg/pc.]	Price
	SM 5	0.80	180	42	16	0,60	**£10.49**
	SM 7/8	2.00	220	53	23	1,50	**£18.55**
	SM 10	3.15	280	58	31	2,90	**£32.51**
	SM 13	5.30	400	90	40	8,20	**£90.80**
	SM 16	8.00	500	120	50	16,00	**£104.89**
	SM 19	11.20	550	130	60	26,00	**£156.37**
	SM 22	15.00	750	175	80	64,50	**£389.63**

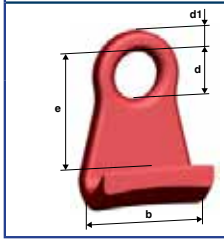
Special Pewag Accessories In G8 Quality

BA
Bale and structural steel wire mesh hook



Code	WLL [tonnes]	e [mm]	d1 [mm]	g [mm]	a [mm]	d2 [mm]	Weight [kg/pc.]	Price
BA 5/6	1.12	160	16	40	24	7	0,40	**£41.46**
BA 7/8	2.00	200	19	50	30	10	0,70	**£49.51**
BA 10	3.15	260	27	65	39	13	1,50	**£67.13**

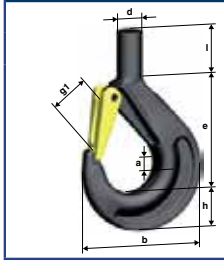
FA
Barrel hook



Code	WLL [tonnes]	e [mm]	d [mm]	d1 [mm]	b [mm]	Weight [kg/pc.]	Price
FA 5/6	0.50	90	40	17	70	0,80	**£22.15**

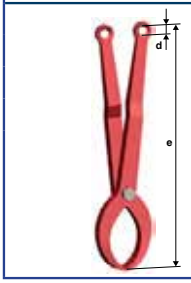
Code	WLL	Price
BARREL SLING (Complete)	500kg @ 60° inc. angle	**£92.86**

EHS
Shank hook



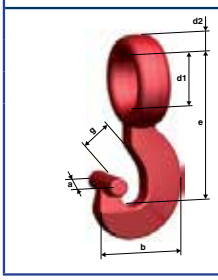
Code	WLL [tonnes]	e [mm]	h [mm]	a [mm]	d [mm]	g1 [mm]	g [mm]	b [mm]	l [mm]	Weight [kg/pc.]	Price
EHS 7/8	2.00	85	27	19	18	26	32	88	33	3,53	**£11.80**
EHS 10	3.15	102	33	25	22	30	39	108	43	1,10	**£20.54**
EHS 13	5.30	125	40	30	26	38	48	130	50	1,80	**£28.26**

HZ
High-tensile lifting tong



Code	WLL [tonnes]	Range [mm]	e [mm]	d [mm]	Weight [kg/pc.]	Required chain sling	Price
HZ 0,125	0.125	100 – 200	310	15	2,43	WIN 5 II AW-CW 310	**£588.87**
HZ 0,25	0.25	130 – 300	466	20	4,77	WIN 6 II AW-CW 410	**£662.64**
HZ 0,5	0.50	160 – 400	629	28	12,00	WIN 7 II AW-CW 570	**£775.96**
HZ 1	1.00	215 – 500	808	30	24,00	WIN 8 II AW-CW 730	**£886.50**
HZ 2	2.00	250 – 600	959	30	41,00	WIN 8 II AW-CW 830	**£1064.47**

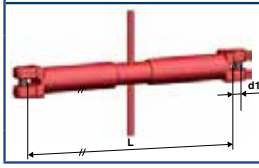
SH
Sliding hook

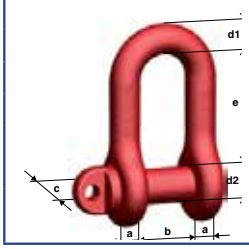


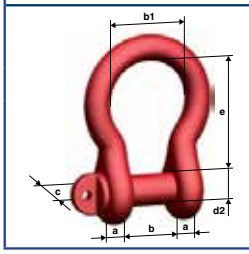
Code	WLL [tonnes]	e [mm]	d1 [mm]	d2 [mm]	g [mm]	b [mm]	a [mm]	Weight [kg/pc.]	Transition link to be used	Price
SH 7/8	2.00	95	31	11	16	51	32	0,34	BW 9	**£19.40**
SH 10	3.15	118	41	15	19	62	43	0,69	BW 13	**£28.86**
SH 13	5.30	148	51	19	26	82	50	1,85	BW 16	**£38.87**
SH 16	8.00	180	63	22	30	99	64	3,06	BW 20	**£85.36**

Special Pewag Accessories In G8 Quality

BRG **Concrete pipe lifting sling** **(Complete 3 leg chain sling assembly)**	**Code**	**Leg length** **[mm]**	**WLL** **up to 30°** **[tonnes]**	**Up to tube** **diameter ø** **[mm]**	**Weight** **[kg/pc.]**	**£Price**
	WIN 7 III AW-BRG 1500	1.500	2.50	1.300	35,40	**£689.93**
	WIN 7 III AW-BRG 2000	2.000	2.50	1.800	36,60	**£699.88**
	WIN 7 III AW-BRG 1500 Unilock	1.500	2.50	1.300	35,30	**£689.93**
	WIN 7 III AW-BRG 2000 Unilock	2.000	2.50	1.800	36,50	**£699.88**
	Special lengths upon request! **Universal chain sling with shortening hook**					
	WIN 7 III AW-BRG-XKW 2000	2.000	2500	1.800	38,50	**£759.20**
	WIN 7 III AW-BRG-XKW 2500	2.500	2500	2.300	39,70	**£769.43**

KSS **Clevis turnbuckle**	**Code**	**WLL** **[tonnes]**	**Tension distance** **[mm]**	**L min.** **[mm]**	**L max.** **[mm]**	**d1** **[mm]**	**Weight** **[kg/pc.]**	**Price**
	KSS 7	1.50	90	230	320	8	2,90	**£268.78**
	KSS 8	2.00	120	330	450	10	3,20	**£325.35**
	KSS 10	3.15	215	455	670	12	3,90	**£332.43**
	KSS 13	5.30	280	515	795	16	6,50	**£436.18**
	KSSW 16	10.00	250	530	780	20	10,00	**£980.78**

SCH **Alloy D-Shackle**	**Code**	**WLL** **[tonnes]**	**e** **[mm]**	**b** **[mm]**	**a** **[mm]**	**d1** **[mm]**	**c** **[mm]**	**d2** **[mm]**	**Weight** **[kg/pc.]**	**Price**
	SCH 5/0,8 T	0.80	18	8	5	6	12	6	0,02	**£10.73**
	SCH 6/1,12 T	1.12	24	11	7	8	16	8	0,05	**£15.75**
	SCH 7/8/2 T	2.00	30	14	8	10	20	10	0,09	**£15.75**
	SCH 10/3,15 T	3.15	36	17	10	12	24	12	0,20	**£15.85**
	SCH 13/5,3 T	5.30	49	21	13	15	32	16	0,30	**£20.28**
	SCH 16/8 T	8.00	61	27	17	19	40	20	0,70	**£32.51**
	SCH 19/11,2 T	11.20	73	33	21	23	48	24	1,30	**£45.65**

GSCH **Alloy Bow Shackle**	**Code**	**WLL** **[tonnes]**	**e** **[mm]**	**b** **[mm]**	**b1** **[mm]**	**a** **[mm]**	**c** **[mm]**	**d2** **[mm]**	**Weight** **[kg/pc.]**	**Price**
	GSCH 10/3,15 T	3.15	51	22	32	14	32	16	0,34	**£14.59**
	GSCH 13/5,3 T	5.30	64	27	43	16	38	19	0,60	**£21.85**
	GSCH 16/8 T	8.00	76	31	51	19	45	22	0,97	**£28.86**
	GSCH 19/11,2 T	11.20	95	43	68	25	57	28	2,20	**£49.19**

Pewag Spare Parts

KBSW **Clevis load pins**	Code	L [mm]	d [mm]	L1 [mm]	d1 [mm]	Weight [kg/pc.]	Price
	KBSW 5/6	16,50	7,40	16,00	2,50	0,006	**£2.65**
	KBSW 7	23,00	9,00	22,00	3,00	0,01	**£2.81**
	KBSW 8	23,00	10,00	22,00	3,00	0,01	**£2.81**
	KBSW 10	29,50	12,50	28,00	3,50	0,03	**£3.75**
	KBSW 13	37,00	16,00	36,00	4,00	0,06	**£4.67**
	KBSW 16	52,00	20,00	40,00	4,50	0,10	**£6.07**
	KBSW 19/20	73,00	24,00	50,00	5,00	0,20	**£7.89**
	KBSW 22	71,00	27,00	55,00	5,00	0,32	**£10.61**
	KBSW 26	86,00	33,00	55,00	5,00	0,58	**£P.O.A.**

KBS **Clevis load pins**	Code	d x l [mm]	for part	Price
	KBS-KLH/KLHW PWH 6	7,5 x 17,5 + 7,4 x 16,5	KLH/KLHW-PWH 5/6	**£2.65**
	KBS-KLH/KLHW PWH 7	9 x 22,5	KLH/KLHW-PWH 7	**£2.81**
	KBS-KLH/KLHW PWH 8	10 x 22,5 + 10 x 23	KLH/KLHW-PWH 8	**£2.81**
	KBS-KLH/KLHW PWH 10	13 x 31,5 + 12,5 x 29,5	KLH/KLHW-PWH 10	**£3.75**
	KBS-KLH/KLHW PWH 13	16 x 42 + 16 x 37	KLH/KLHW-PWH 13	**£4.67**
	KBS-KLH/KLHW PWH 16	21 x 51,5 + 20 x 52	KLH/KLHW-PWH 16	**£6.07**
	KBS-KSS 7	8 x 22,5	KSS 7	**£2.81**
	KBS-KSS 8	10 x 27,2	KSS 8	**£2.81**
	KBS -KSS 10	12 x 32,2	KSS 10	**£3.75**
	KBS-KSS 13	16 x 45,7	KSS 13	**£4.67**

SFGW **Forged safety catch**	Code	for hook type	Price
	SFGW 5/6	HSW 5/6, KHSW 5/6	**£4.05**
	SFGW 7/8	HSW 7/8, KHSW 7, KHSW 8, WS 7/8, EHS 7/8	**£4.28**
	SFGW 10	HSW 10, KHSW 10, WS 10, EHS 10	**£5.18**
	SFGW 13	HSW 13, KHSW 13, WS 13, EHS 13	**£6.75**
	SFGW 16	HSW 16, KHSW 16	**£9.27**
	SFGW 19/20	HSW 19/20, KHSW 19/20	**£11.94**
	SFGW 22	HSW 22, KHSW 22	**£13.49**
	SFGW 26–32	HSW 26, HSW 32, HS 32	**£15.11**

SFGW-G **Forged safety catch**	Code	for hook type	Price
	SFGW-G 8	GKHSW 8	**£6.91**
	SFGW-G 10	GKHSW 10	**£9.33**

Pewag Spare parts

SFG-A **Forged safety catch**	**Code**	**for hook type**	**Price**
	SFG-A 1	AWHW 1.3, UKN 1	**£8.59**
	SFG-A 3	AWHW 3.8, UKN 3	**£9.56**
	SFG-A 6	AWHW 6.3 , UKN 5, AWHW 10 , UKN 8	**£11.98**

SFG-W16 **Forged safety catch**	**Code**	**for hook type**	**Price**
	SFG-W16	WS 16	**£9.28**

CBHW / CBH **Connex bolts & retaining sleeve**	**Code**	**for part**	**Price**
	CBHW 5 G10	CW 5	**£1.66**
	CBHW 6 G10	CW 6	**£1.99**
	CBHW 7 G10	CW 7	**£2.65**
	CBHW 8 G10	CW 8, CARW 8	**£2.68**
	CBHW 10 G10	CW 10, CARW 10	**£2.94**
	CBHW 13 G10	CW 13, CARW 13	**£4.54**
	CBHW 16 G10	CW 16, CARW 16	**£4.99**
	CBHW 19/20 G10	CW 19/20	**£6.30**
	CBHW 22 G10	CW 22, CARW 22	**£8.94**
	CBHW 26 G10	CW 26	**£11.69**
	CBH 26	C 26	**£11.69**
	CBHW 32 G10	CW 32	**£25.81**
	CBH 32	C 32	**£25.81**

CLBHW **Tamper proof Connex bolt & retaining sleeve**	**Code**	**for part**	**Price**
	CLBHW 7 G10	CLW 7	**£12.56**
	CLBHW 10 G10	CLW 10	**£13.32**
	CLBHW 13 G10	CLW 13	**£15.89**
	CLBHW 16 G10	CLW 16	**£23.04**

Pewag Spare Parts

PSGW **Safety catches**	**Code**	**for part**	**Price**
	PSGW 7/8 G10	PSW 7/8	**£4.27**
	PSGW 10 G10	PSW 10	**£4.89**
	PSGW 13 G10	PSW 13	**£5.08**
	PSGW 16 G10	PSW 16	**£9.30**

UBMS **Bolt + washers + nut**	**Code**	**for part**	**Price**
	UBMS 5/6	U 5/6	**£0.92**
	UBMS 7	U 7	**£0.96**
	UBMS 8	U 8	**£1.02**
	UBMS 10	U 10	**£1.27**
	UBMS 13	U 13	**£3.49**
	UBMS 16	U 16	**£7.44**
	UBMS 19/20	U 19/20	**£10.31**
	UBMS 26	U 26	**£22.65**

KBMSW **Bolt + nut + split pin**	**Code**	**for part**	**Price**
	KBMSW 7/8 G10	KSCHW 7, KSCHW 8	**£7.21**
	KBMSW 10 G10	KSCHW 10	**£10.64**
	KBMSW 13 G10	KSCHW 13	**£13.64**

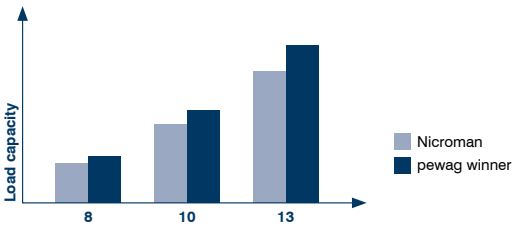
VLHW **Trigger sets**	**Code**	**for part**	**Price**
	VLHW 5/6	LHW 5/6, KLHW 5/6, WLH(B)W 6	**£4.47**
	VLHW 7/8	LHW 7/8, KLHW 7, KLHW 8, WLH(B)W 7/8	**£5.52**
	VLHW 10	LHW 10, KLHW 10, WLH (B)W 10	**£6.13**
	VLHW 13	LHW 13, KLHW 13, WLH(B)W 13	**£7.31**
	VLHW 16	LHW 16, KLHW 16, WLH(B)W 16	**£12.10**
	VLHW 19/20/22/26 G10	LHW 19/20, LHW 22, KLHW 19/20, KLHW 22, KLHW 26	**£13.65**

Chain Tags & Attachment Links	**Code**	**application**	**Price**
	PLAINTAG G10	SINGLE & MULTI LEG G10 CHAIN SLINGS	**£0.82**
	TAGLINKSMALL (7x36mm)	USE WITH ABOVE CHAIN TAG	**£0.21**
	TAGLINKLARGE (8x62mm)	USE WITH ABOVE CHAIN TAG	**£0.34**

Features And Benefits Of Pewag G10 Lifting Chains

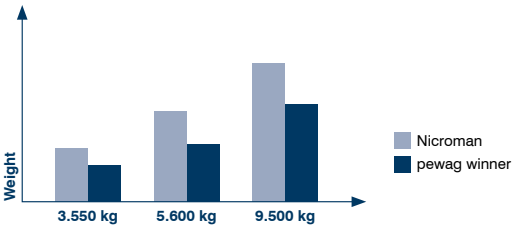
User friendlyness and safety are based on clearly defined and measurable characteristics, which are incorporated in the product development and production process of our products.

- 25% higher load capacity than grade 8.



Load capacity	Previous chain Ø	pewag winner chain Ø
3.550	10	8
5.600	13	10
9.500	16	13

- Approx. 30% weight saved resulting in easier handling.



Load capacity	Previous chain weight	Winner chain weight	% Weight reduction
3.550	16,2 kg	11,0 kg	32%
5.600	27,6 kg	17,6 kg	36%
9.500	42,2 kg	29,6 kg	30%

- Attractive price/performance ratio thanks to the small price differential compared to grade 8.
- One dimension smaller than grade 8 slings, for many load ranges – thus providing excellent value.
- Extended service life due to higher wear resistance.
- Identification made easy – each link is marked „W“.
- Traceability of all production data by use of codes on chains and components.
- Individual and distinctive tag with precise information to avoid confusion with grade 8.
- Simple visual identification of pewag winner components thanks to orange high visibility powder coating.
- Broad range of components in special grade 10 quality – for 11 chain dimensions.
- Fastest and simplest assembly of slings thanks to VXKW set with patented shortening element.
- Avoiding danger through improperly shortened chains – an additional saftey feature of our shortening hooks.
- Easier daily/annual inspection – easier and faster in comparison to grade 8, because fewer components are in use.

- Compatible with our grade 8 range – used slings easy to repair. Note: Grade 10 components can be used to repair G8 slings but not at an increased working load
- First company to offer grab hooks with 100% load capacity – shortening of the sling chain does not require a reduction in load caused by shear effect of the hook
- 3 assembly systems for slings: welded, Connex and Clevis system
- Experience – in 1989 pewag where the first company to manufacture G100 chain slings in the USA
- Quality-approved European production by an ISO 9001 certified company
- Worldwide distribution network – smooth supply of spare and replacement parts
- Components meet the requirements of EN 1677-1, -2, -3, -4.
- The WIN 400 chain meets the EN 818-2 with higher working load limit or PAS 1061 up to 16mm.

THE ENVIRONMENTALLY FRIENDLY CHAIN

The ISO 14001 certification is also fully implemented with our G10 lifting chains.

- reduced energy consumption during production
- less material used – protection of raw material reserve
- low weight – less to transport
- less material to be recycled

Features And Benefits Of Pewag G10 Lifting Chains

Pewag Winner G10 Data

- **Chain qualities:**
  pewag winner 200 – meets the requirements of ASTM A973/A973M-01 and of EN 818-2 (with higher load capacity and max. operating temperature of 200°C max.) and the Machinery Directive 2006/42/EC.
  pewag winner 400 – meets the requirements of EN 818-2 (with higher load capacity) and the Machinery Directive 2006/42/EC.

- **Stress at load capacity limit:** 250 N/mm²

- **Test stress:** 625 N/mm² – corresponds to 2.5 times the load capacity

- **Breaking stress:** 1.000 N/mm² – corresponds to 4 times the load capacity

- **Breaking elongation:** min. 20%

- **Bending according to EN 818-2 or PAS 1061:**
  0,8 x nominal diameter

- **Admissible operating temperature:**
  pewag winner 200 – 200°C max.
  pewag winner 400 – 380°C max.

- **Quality grade stamps:**
  pewag winner 200 – 100 at a spacing of approx. 300 mm till 16 mm chain (other 0,9 m) and 10 additionally on the back of each link
  pewag winner 400 – 8W at a spacing of approx. 300 mm up to 16 mm chain (other 0,9 m) and W on the back of each link
  Components – 10

- **Manufacturer's name or symbol:**
  PW and/or pewag and/or H16

- **Surface:**
  pewag winner 200 – shot-blasted and clear coated
  pewag winner 400 – blue painted
  Components – orange powder coated
  Welded system – blue painted

- **Compatibility:**
  Pewag Winner G10 chains and components may be combined by a competent person with Grade 8 fittings meeting the requirements of EN818 and EN1677. Furthermore, Pewag Winner G10 chains may be combined with chains and components from other manufacturers systems which are compatible with EN818 and EN1677. The competent person has to check and approve the functionality of the chain sling. (In consequence, it is not allowed to combine winner chains with competitors items that follow neither the EN818 nor the EN1677 requirements.) Only original pewag spare parts (esp. pins and bolts, safety catches, etc.) may be used for pewag articles. The maximum working load capacity of pewag sling chains is always defined by their weakest part.

- Performance concerning stress crack corrosion is identical to Grade 8.

User guide for assembly, use, storage and maintenance of pewag winner chain slings.

General

pewag lifting accessories can be used for general lifting purposes covering a wide range of designs, loads and slings. Detailed information of all chain, components and chain slings are given in this catalogue and follows the Uniformed Load Method of Rating as standard. In addition, there is also an alternative method of rating the capacity of chain slings (Trigonmetric Method). This method should only be used where the weight and distribution of the load and the angles of the sling legs are known, and when the lift has be carefully planned and is supervised by a competent person. In such applications please contact our technical department, as the information given in this catalogue does not include details on chain sling rating using this alternative method of rating!

Chain slings shall be used only by trained personnel. If properly used, pewag chain slings have a long service life and offer a high degree of safety. Personal injury and damage to property can only be prevented by proper use. It is therefore highly important that you read and understand this user information and act in a responsible and forward-thinking manner when using lifting equipment.

Limitations on use

When modifying or repairing pewag chain slings use only pewag supplied original parts (e.g. bolts, safety pins, screws, etc.).
The shape of the slings must not be modified – e.g. by bending, grinding, separating individual parts, drilling, etc. Avoid heating of the chains to more than 380°C (pewag winner 400) or 200°C (pewag winner 200). Do not remove any safety components, such as latches, safety pins, safety catches, etc.
Do not apply any surface coatings to pewag chain slings, i.e. do not subject them to hot galvanizing or electrogalvanizing.
Dipping or removing the coating with chemicals is also dangerous and must be agreed upon by pewag.
If required please contact our technical department who will be pleased to provide information.

Restrictions of use

Due to hazardous or dangerous conditions (see table on page 4)

Effects of temperature

Reduction of the load capacity caused by high temperatures, as stated on page 4, ceases once the chain and/or lifting component returns to room temperature. pewag winner pro lifting accessories may not be used outside the temperature range stated. If this has nevertheless been the case, do not use the chain slings and remove them from service.

Effects of acids, caustics and chemicals

Do not subject pewag winner pro lifting accessories to acid or caustic solutions or use them in acid or caustic-laden atmospheres. Important: Certain production procedures release acids and/or fumes. Use of pewag winner pro lifting accessories in highly concentrated chemicals in combination with high temperatures is only permitted with explicit prior approval.

Working load limit

The working load limits in this catalogue and those on the chain sling have been determined on the basis that the loading of the chain sling is symmetrical and there are no particularly hazardous conditions. Such hazardous conditions would be offshore applications, the lifting of people and potentially dangerous loads, such as liquid metals, corrosive or caustic substances or nuclear material. If the chain sling is to be used for such purposes, the extent of the risk is to be assessed by an expert and the safe working load be adjusted accordingly.

Inspection and tests

Before using any lifting equipment for the first time, it should be ensured that:

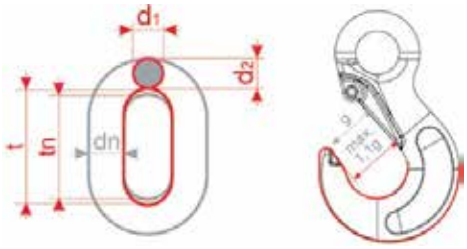
- The chain sling corresponds exactly to the order;
- The inspection certificate or certificate of conformity has been supplied;
- Marking and load capacity stated on the chain sling correspond to the information given on the inspection certificate or certificate of conformity;
- All particularities of the chain sling have been entered into a register of lifting equipment, if required;
- Instructions for the proper use of chain sling has been supplied and read and understood by personnel.

Check the chain slings before each use for visible damage or signs of wear. In case of doubt or damage do not use the chain slings and have them inspected by a competent person.

After extraordinary, unusual events that could cause impairment of the chain sling, the chain sling must be checked by an expert (e.g. after exposure to uncontrolled heat). As per EN818 we recommend subjecting the chain sling every two years to a load test with 1.5 times the load capacity, followed by a visual inspection, or another type of crack test (fluxing).

Elimination criteria following visual inspection

- Broken part
- Missing or illegible marking of the chain sling, i.e. identification data and/or load capacity data
- Deformation of suspension or sling parts or the chain itself
- Elongation of the chain. The chain must be discarded if $t > 1{,}05\ t_n$
- Wear is determined as the mean value of two measurements of diameters d1 and d2 carried out at a right angle (see picture). The chain must be discarded if $dm = \frac{d_1 + d_2}{2} \leq 0{,}9\ dn$
- Cuts, notches, grooves, surface cracks, excessive corrosion, discoloration due to heat, signs of subsequent welding, bent or twisted links or other flaws.
- Cracks: Chains with cross-cracks that are visible to the naked eye must be discarded.
- Missing or non-functional safety device (safety catches if fitted) as well as signs of widening or twisting of hooks, i.e. noticeable enlargement of the opening or other forms of deformation. The enlargement of the opening must not exceed 10% of the nominal value.



Maximal approved dimensional change:

Designation	Dimensions	Admissible deviation
chain	dm	-10%
	t	+5%
links	d	-10%
	t	+10%
hooks *	e	+5%
	d2 and h	-10%
	g	+10%
CW, CARW, CLW	Halves loose	no changing admissible
	e	+5%
	c	-10%
BWW, GHW	e	+5%
	d	-15%
	d1	+5%
	angle change	≤3%
SCH, GSCH, U	bolt loose	no changing admissible
	e	+5%
	d, d1, d2 und M	-10%
SM	e	+5%
	g	+10%
	d	-10%
BA	d2	-10%
FA	d1	-10%
goupille Connex	d	-10%
LHW, KLHW, WLH(B)W	d2	-10%
	h	-10%
	opening of hook	2x s max.

* HSW, WS, FW, PW, KHSW, DFW, GKHSW, SH, KSCHW, KCHW KFW, KPW, KVS, XKW, KOW, KRW

Repair

pewag lifting accessories and chain slings should only be repaired by qualified personnel using genuine pewag parts.

Documentation

Records of inspections, and in particular their findings, as well as details of repairs carried out must be kept on file during the entire service life the chain sling.

Storage

pewag sling chains should be stored in cleaned and dried condition and protected from corrosion, e.g. lightly lubricated.

Correct use of pewag winner chain sling

Angle of inclination – sling points

Select slinging points and chain sling type in such a way that the angles of inclination of all chain strands (legs) lie within the data given on the CE marked plate. All angles of inclination should preferably be the same. Avoid angles of inclination of less than 15°, because of the high risk of load instability. Never use chain slings with the angle of inclination exceeding 60°.

Edge load – protection of load and chain

The maximum load capacity of pewag chain slings was defined under the assumption that the individual chain legs are pulled straight under load, i.e. that they do not run over edges.

In the case of edge loading, load protection (packing) should to be used to avoid damage. For correct and incorrect use see the illustrations below.

If chains are guided over edges without proper protection, their load capacity is reduced. For the corresponding load factors please refer to the table on page 4.

But if chains looped at a beam or other round shaped loads the diameter should be minimum twice or 3 times the chain pitch. For smaller diameters the WLL of the chains must be reduced by 50%.

Impact
The maximum load capacity of pewag chain slings are defined under the assumption that the load on the individual chain strands (legs) is applied without any impact or shock loading. In cases of possible impact/ shock, the load factors on page 4 must be taken into consideration.

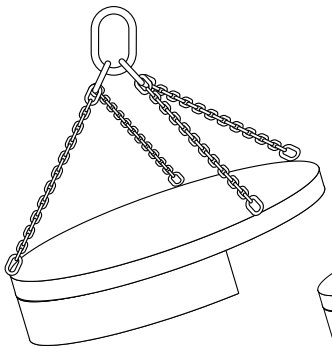
Impact/shock is defined as follows:
- Slight impact: created, for example, when accelerating the lifting or lowering movement
- Medium impact: created, for example, when the chain slips when adjusting to the shape of the load
- Heavy impact: created, for example, when the load falls into the unloaded chain

Vibrations
pewag winner chains and accessories are rated according to regulations for 20,000 load cycles. At high dynamic forces there may nevertheless be a risk of damage to the chain and accessories. According to the employer's liability insurance association Metall Nord Süd this risk may be prevented if the stress at load capacity limit is reduced by using a larger chain dimension.

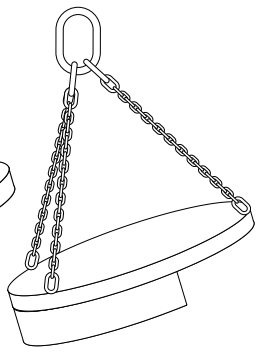
Symmetrical loading:
The load capacities of pewag chain slings are defined with the assumption that the load of the individual chain strands (legs) is symmetrically distributed. Lifting of the load then leads to identical angles of inclination, and the individual strands (legs) are symmetrical to each other.

The load can still be considered symmetrical when the following conditions are met:
- The load is smaller than 80% of the stated load capacity (WLL)
- The chain sling leg angles to the vertial are all not less than 15°
- The angles to the vertical of all chain legs are identical or deviate max. 15° from each other
- In the case of three and four strand sling chains, the corresponding plan angles are within 15° of each other.

Example of asymmetry
If all of the listed parameters are not met, load is considered to be asymmetric and an expert must be called in to assess the lifting process. In case of doubt, only one chain strand (leg) should be considered as load-bearing. For the corresponding load capacity please refer to the load capacity table.



The majority of the load is carried by 1 strand (leg)



The majority of the load is carried by 2 strand (legs)

Use of pewag chain slings for other than the intended purposes.
Use chain sling only for the intended purpose. In cases where not all individual strands (legs) are used simultaneously or where several sling chains are used at the same time, please refer to the load capacity table to find out the load capacity. In case of doubt or as an alternative, change the load capacity according to the following rating tags of the following table.

Type of sling chain	Number of individual strands used	Use factor in relation to the load capacity given on the tag
two-stranded (2-leg)	1	1/2
three- and four-stranded (3/4-leg)	2	2/3
three- and four-stranded (3/4-leg)	1	1/3
2 x single-stranded (single leg)	2	1,4 up to 45°
2 x two-stranded (2 leg)	3 or 4	1,5 from 45°–60°

Hang any individual strands (leg) that you do not use, back into the master link to prevent hazards caused by freely swinging chains or unintended hooking.
Before using several chain slings at the same time, make sure that the crane hook is big enough for all the master rings. Make sure that the master rings cannot fall out of the hook during lifting. No angles of inclination of more than 45° allowed. Use only chain slings of the same nominal thickness and grade at the same time.

Additional detailed information

Do not tip load the hook!

wrong!

right!