



lifting ^ rigging ^ height safety

NEW Grade 120



winner PRO

strength with profile



Lifting gear in G120 quality for chains and fittings

50% Higher Work Load Limit*

44% Weight Reduction*

38% Higher Bending Resistance*



1ST

in Australia
Exclusive to Robertsons

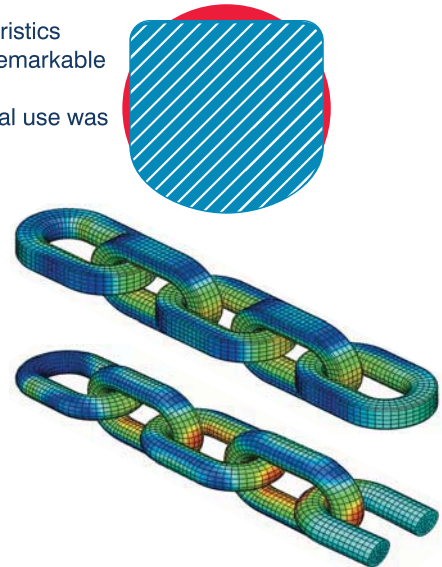


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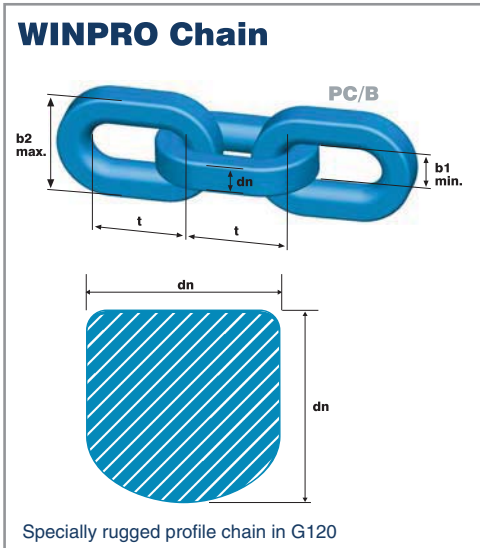
Advantages Lifting

■ **Intelligent profile** – because of the intelligent use of material, the major characteristics of the chain (i.e. fatigue resistance and bending resistance) were improved in a remarkable way, when you compare the same cross section of the profile chain versus the round steel chain. In order to reach the best mechanical performance, the material use was optimized on effective areas (blue area) and reduced on less relevant areas (red area).

■ **Optimized bending resistance:** The section modulus which is important for preventing undesirable bending deformation is up to 16% higher with the profile chain compared to round steel chain with the same cross section. Therefore the max. stress in the chain is reduced (no red areas).

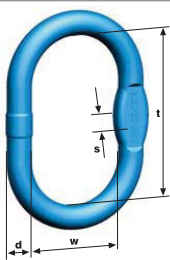


Code	material thickness dn [mm]	standard delivery length [m]	pitch t [mm]	inside b1 min. [mm]	outside b2 max. [mm]	WLL [kg]	breaking load [kN]	weight [kg/m]
WINPRO 8	8	50	25	11	29	3.000	118,00	1,64
WINPRO 10	10	50	33	14	37	5.000	196,00	2,66
WINPRO 13	13	50	41	19	50	8.000	314,00	4,59



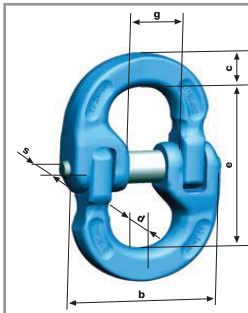
AWP Master link

Code	WLL 0°-45° [kg]	d [mm]	t [mm]	w [mm]	s [mm]	weight [kg/pc.]	for single leg sling	for double leg sling
AWP 18	5.300	19	135	75	14	0,92	10	8
AWP 22	8.000	23	160	90	17	1,60	13	10



Masterlink for 1-leg chain sling and for 2-leg chain slings, also usable as end link.

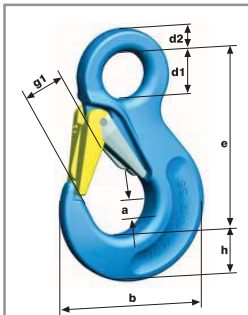
CWP Connex connecting link



Connex connecting link for easy assembly of chains, masterlinks, masterlink assemblies and components.

Code	WLL [kg]	e [mm]	c [mm]	s [mm]	d [mm]	b [mm]	g [mm]	weight [kg/pc.]
CWP 8	3.000	58	12	16	11	57	21	0,26
CWP 10	5.000	70	16	20	13	66	22	0,33
CWP 13	8.000	95	21	24	17	84	26	0,70

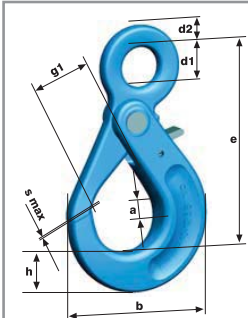
HSWP Eye sling hook



For general lifting applications. All hooks with forged and galvanized safety catch.

Code	WLL [kg]	e [mm]	h [mm]	a [mm]	d1 [mm]	d2 [mm]	g1 [mm]	b [mm]	weight [kg/pc.]
HSWP 7/8	3.000	106	27	19	25	11	26	88	0,50
HSWP 10	5.000	131	33	26	34	16	31	108	1,10
HSWP 13	8.000	164	43	33	43	19	39	132	2,20

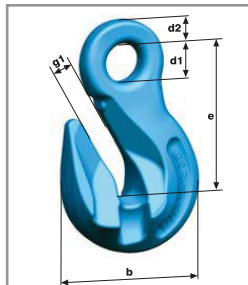
LHWP Safety hook



Safety hook with larger opening than the eye sling hook. Opens and locks automatically. Ensures high level of safety.

Code	WLL [kg]	e [mm]	h [mm]	a [mm]	b [mm]	d1 [mm]	d2 [mm]	g1 [mm]	s max. [mm]	weight [kg/pc.]
LHWP 7/8	3.000	126	25	24	89	25	14	34	1	0,90
LHWP 10	5.000	158	31	28	112	31	17	45	2	1,60
LHWP 13	8.000	205	41	34	145	40	22	54	2	3,30

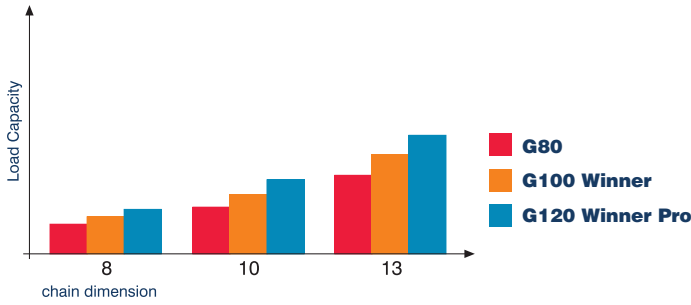
PWP Grab hook



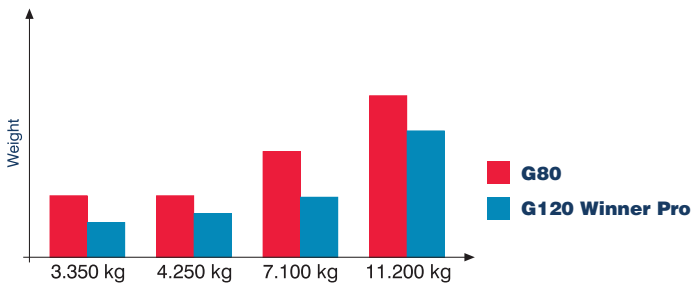
For shortening and for building loops that must not tighten. Special design of the chain contact area for optimal interaction between chain and hook.

Code	WLL [kg]	e [mm]	b [mm]	d1 [mm]	d2 [mm]	g1 [mm]	weight [kg/pc.]
PWP 7/8	3.000	68	63	18	11	10	0,48
PWP 10	5.000	88	81	22	14	13	1,03
PWP 13	8.000	110	103	26	18	17	2,10

■ 50 % higher load capacity compared to G8, 20% higher load capacity compared to G10.



■ Obvious weight reduction and consequently easier handling.



Load capacity	previous chain weight	Winner Pro chain weight	% Reduction
3.350	16,60	9,37	44%
4.250	16,60	11,80	29%
7.100	28,53	19,19	33%
11.200	43,61	34,10	22%

CODE	DIA. mm	SINGLE LEG SLINGS			SLINGS OF 2, 3 OR 4 LEGS						ENDLESS SLINGS			
		STRAIGHT SLING	ADJUST-ABLE SLING	REEVED SLING	STRAIGHT SLING			REEVED SLING			BASKET SLING			REEVED SLING
		60°	90°	120°	60°	90°	120°	60°	90°	120°	60°	90°	120°	
MAXIMUM WORKING LOAD LIMITS IN TONNES OF 1000kg														
WINPRO 8	8	3.0	3.0	2.35	5.2	4.2	3.0	3.9	3.2	2.2	3.9	3.2	2.2	4.5
WIN 8	8	2.5	2.5	1.9	4.3	3.55	2.5	3.25	2.65	1.9	3.25	2.65	1.9	3.75
G8 8	8	2.0	1.5	1.5	3.5	2.8	2.0	2.6	2.1	1.5	2.6	2.1	1.5	3.0
WINPRO 10	10	5.0	5.0	4.0	8.6	7.0	5.0	6.5	5.3	3.7	6.5	5.3	3.7	7.5
WIN 10	10	4.0	4.0	3.0	6.9	5.6	4.0	5.2	4.2	3.0	5.2	4.2	3.0	6.0
G8 10	10	3.2	2.4	2.4	5.5	4.5	3.2	4.1	3.4	2.40	4.1	3.4	2.4	4.8
WINPRO 13	13	8.0	8.0	6.3	13.8	11.3	8.0	10.4	8.5	6.0	10.4	8.5	6.0	12.0
WIN 13	13	6.7	6.7	5.0	11.6	9.5	6.7	8.7	7.1	5.0	8.7	7.1	5.0	10.0
G8 13	13	5.3	4.0	4.0	9.2	7.5	5.3	6.9	5.6	4.0	6.9	5.6	4.0	8.0

■ Grade 120 ■ Grade 100 ■ Grade 80