

# Commercial Chain & Fittings

# 2





## PWB Anchor Herc-Alloy 800™

### The most effective link from the factory floor to the farm

Designed to solve almost any suspending, mooring or fencing challenge, PWB Anchor's versatile range of Non-Alloy Chain and Fittings has a wide range of uses across industrial, agricultural, marine, hardware and domestic applications.

#### Standard Features

- Wide range of link dimensions from the shortest to the longest formations
- Suitable for use across industry, agriculture, marine, hardware and domestic applications
- Test certificates available on request for Grade L and Proof Coil Chain
- Option of durable hot dip galvanised or economic self-colour finishes

#### Benefits

- Easy handling
- Long product life
- High resistance to corrosion
- Backed by PWB Anchor, Australia's undisputed leader in the manufacture and supply of quality chain and fittings

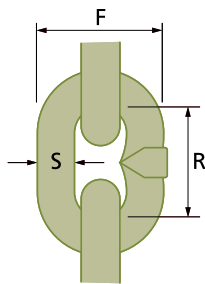
Every care has been taken to ensure the accuracy of information contained in this document which supersedes earlier publications, however PWB Anchor Ltd shall not be liable for any loss or damage howsoever caused arising from the application of such information.

PWB Anchor Ltd maintains a policy of progress development of products and reserves the right to alter without notice, the specifications shown within this document.

## PWB Anchor Grade L Chain

Manufactured in Australia, in a short link configuration meeting the requirements of Australian Standard AS2321, PWB Anchor Grade L Chain is the highest quality lower tensile steel available for lifting purposes with a dDesign Factor of 5:1.

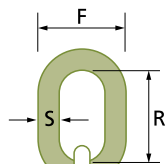
PWB Anchor Grade L Chain is alsorecommended for use in Fathom Chain and mooring applications and is now available with an increased Maximum Working Load (MWL) based on Design Factor of 4:1.



Chain Size (mm)	Design Factor		S (mm)	R (mm)	F (mm)	Self-Colour Metres/100kg	Galvanised Metres/100kg
	5:1 (Lifting) WLL (tonnes)	4:1 (Mooring) MWL (tonnes)					
6	0.40	0.50	6.3	18.8	21.6	116.0	110.0
8	0.64	0.80	8.0	23.8	27.0	71.4	67.8
10	1.00	1.26	10.0	29.8	34.3	45.4	43.2
13	1.70	2.10	12.7	38.0	43.0	29.6	27.8
16	2.58	3.20	16.0	47.8	54.9	17.8	17.5
20	4.03	5.00	20.0	59.2	68.5	11.3	11.1
22	5.06	6.30	22.0	64.9	77.0	9.5	9.2

## PWB Anchor Fathom Chains

Manufactured from Grade L Chain with additional end link fittings, PWB Anchor Fathom Chains are supplied in a hot dip galvanised finish for added durability. Available in varied fathom lengths for use on appropriate sized fishing or leisure craft.



Chain Size (mm)	MWL (tonnes)	S (mm)	End Links		F (mm)	60 Fathom Length (m)	75 Fathom Length (m)	90 Fathom Length (m)
			R (mm)					
10	1.26	12.0	51.7		45.0	109	137	164
13	2.10	16.0	59.0		57.3	109	137	164
16	3.20	20.0	73.0		71.0	109	137	164
20	5.00	24.0	87.0		84.8	109	137	164
22	6.30	29.0	112.0		110.0	109	137	164

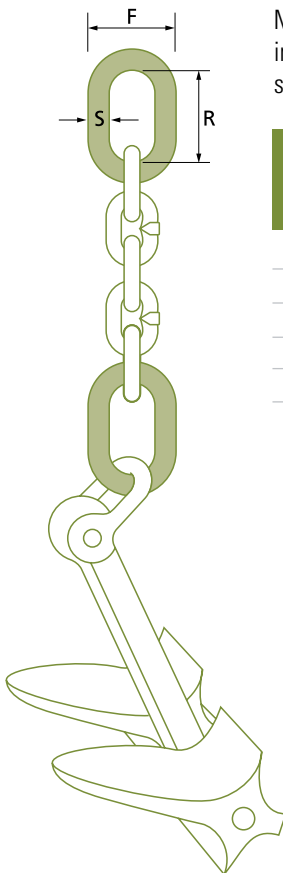
*Fathom Chains are NOT CERTIFIED FOR INDUSTRIAL LIFTING*

*The MWL (Maximum Working Load) stated for Grade L and Fathom Chains based on design Factor of 4:1 is for guidance in the selection of a chain with sufficient strength for use in mooring or marine applications.*

*The WLL (Working Load Limit) stated for Grade L Chain is rated for general conditions of use to group classification of crane mechanisms of M3 as specified in AS1418.1, and in accordance with AS2321 for industrial lifting applications.*

*For other than general conditions of use the WLL shall be adjusted to conform to the group classification of crane mechanisms as specified in AS1418.1 for the conditions of use that apply.*

*Dimensions and masses subject to commercial tolerances and design changes without notice.*

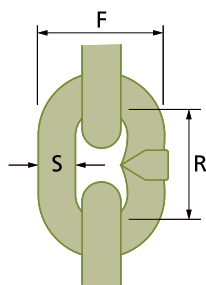


## PWB Anchor Proof Coil Chain

The PWB Anchor range of Proof Coil Chain manufactured in Australia is from low grade carbon steel and available in a variety of link dimensions. Suitable for a wide range of applications across the manufacturing, marine, and agricultural industries, this versatile range of chain is proof tested to at least twice the maximum load recommended for normal use.

## Regular Proof Coil Chain

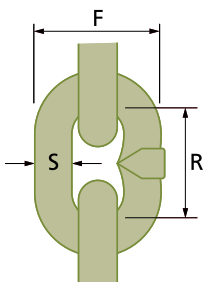
Designed with link dimensions suitable for a wide variety of general purpose uses.



Chain Size (mm)	MWL (tonnes)	S (mm)	R (mm)	F (mm)	Self-Colour Metres/100kg	Galvanised Metres/kg
3*	0.06	3.0	16.6	13.1	602.0	585.0
4*	0.11	3.8	19.6	15.8	378.00	367.0
5*	0.19	4.75	23.2	19.1	245.0	238.0
6	0.32	6.0	28.0	24.0	144.1	135.7
8	0.53	7.6	35.8	29.2	90.6	87.7
10	0.86	9.5	43.4	35.5	59.0	57.8
13	1.50	12.0	51.7	44.5	35.5	34.6
16	2.31	16.0	59.6	57.3	19.0	18.6
20	3.67	20.0	73.3	71.0	12.3	12.0
24	5.34	24.0	87.0	84.8	8.6	8.4

## Long Proof Coil Chain

With the longest link formation in the range, the PWB Anchor Long Proof Coil chain features more generous link dimensions to provide more metres per 100kg. Ideally suited to agricultural and barrier applications.



Chain Size (mm)	MWL (tonnes)	S (mm)	R (mm)	F (mm)	Self-Colour Metres/100kg	Galvanised Metres/kg
3*	0.05	3.0	23.2	15.4	649.0	620.0
4*	0.09	3.8	26.8	18.4	391.0	379.0
5	0.15	4.75	29.8	21.5	243.0	233.0
6	0.26	6.0	36.2	26.0	152.1	148.4
8	0.46	7.6	43.5	31.0	93.4	91.1
10	0.75	9.5	53.1	39.0	61.2	59.7

## Proof Coil Chain Pail-Paks

A range of PWB Anchor Regular and Long Link Proof Coil Chains in self-colour and galvanised finishes are also available in handy re-usable 20 litre plastic containers.

\* not manufactured in Australia

Proof Coil Chain is NOT SUITABLE FOR INDUSTRIAL LIFTING PURPOSES

The MWL (Maximum Working Load) stated for Proof Coil chain is for guidance in the selection of a chain with sufficient strength for the intended application.

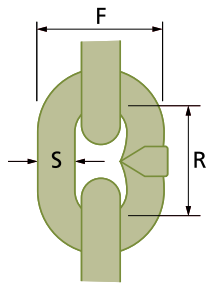
Dimensions and masses subject to commercial tolerances and design changes without notice.

## PWB Anchor Proof Coil Chain

The PWB Anchor range of Proof Coil Chain manufactured in Australia is from low grade carbon steel and available in a variety of link dimensions. Suitable for a wide range of applications across the manufacturing, marine, and agricultural industries, this versatile range of chain is proof tested to at least twice the maximum load recommended for normal use.

## Hardware Chain - Regular Formation

Supplied in a medium link formation suitable for general purpose, tethering and agricultural uses.



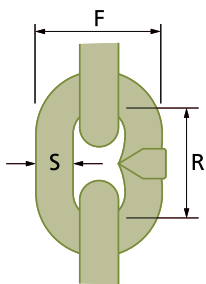
Chain Size (mm)	S (mm)	R (mm)	F (mm)	Self-Colour Metres/100kg	Galvanised Metres/100kg
6	6.0	27.4	24.2	143.3	135.0
8	7.6	35.5	29.6	89.8	87.6
10	9.5	43.2	36.2	58.0	56.9
13	12.0	51.6	44.5	35.4	34.5
16	16.0	58.8	58.2	18.7	18.3
20	20.0	72.3	72.5	12.1	-
24	24.0	85.9	85.3	8.5	-

## Hardware Chain Pail-Paks

A range of galvanised finish, regular link formation Hardware Chain is also available in handy re-useable 20 litre plastic containers

## Hardware Chain - Long Formation

Generous link dimension providing more length per weight and suited to agricultural, fencing and barrier purposes.



Chain Size (mm)	S (mm)	R (mm)	F (mm)	Self-Colour Metres/100kg	Galvanised Metres/100kg
5	4.75	29.8	21.5	241.1	227.4
6	6.0	35.8	26.0	151.3	147.7
8	7.6	43.2	31.5	93.2	91.0
10	9.5	52.6	39.7	61.0	59.5

*Hardware Chain is NOT CERTIFIED FOR INDUSTRIAL LIFTING.*

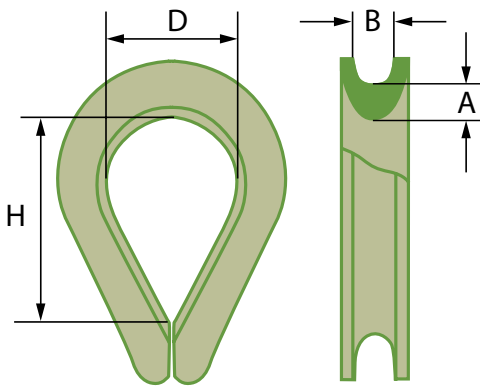
*Dimensions and masses subject to commercial tolerances and design changes without notice.*

## Thimbles

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### Australian Standard 'Gold Tip' Thimble

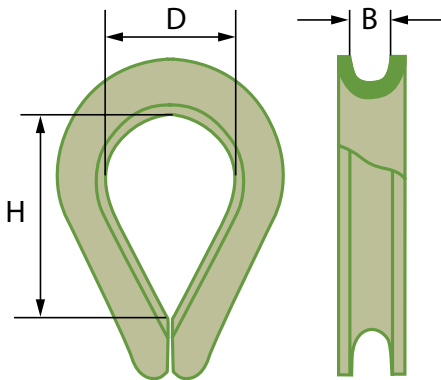
Australian Standard AS1138. High tensile material, heat treated, heavy duty gusted design, HDG finish



Size (mm)	Weight (kg/pc)	A (mm)	B (mm)	H (mm)	D (mm)
6	0.04	4	7	25	16
8	0.052	5	7.9	33	22
10	0.08	5	10.3	38	25
11	0.09	6	12.7	41	29
12	0.13	6	14.3	44	32
14	0.15	7	15	46	38
16	0.26	8	15.9	59	41
19	0.40	9	20.6	73	51
20	0.50	10	21.6	75	52
22	0.62	10	22.2	83	57
24	0.9	11	25.4	92	64
26	1.0	11	27	111	72
28	1.1	12	28.6	111	76
32	1.3	14	33.4	133	95
36	2.2	16	38	152	105
40	3.2	18	43	165	114
44	5.6	20	47	178	127
48	3.2	22	51	190	134
52	11.0	22	55	203	140

### Commercial Thimble

Standard pattern, zinc plated



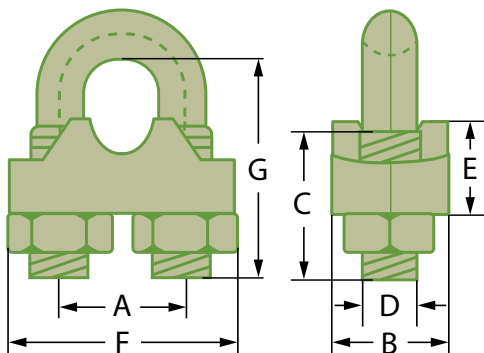
Size (mm)	Weight (kg/pc)	B (mm)	H (mm)	D (mm)
3	0.003	3	34	10
4	0.006	4	16	11
5	0.0015	5	22	16
6	0.0018	6	26	19
8	0.03	8	34	24
10	0.0043	10	42	32
12	0.062	12	51	38
16	0.105	16	60	42

## Wire Rope Grips

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### Australian Standard Wire Rope Grips

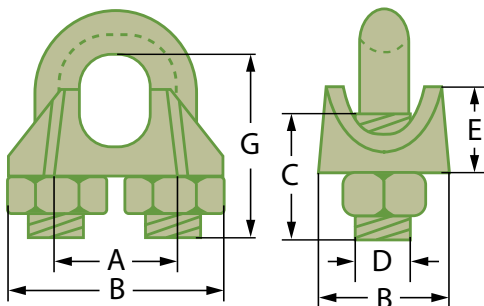
Hot dip galvanised. Conforms to AS 2076



Rope Size (mm)	A (mm)	B (mm)	C (mm)	D (in)	E (mm)	F (mm)	G (mm)
8	18	19	22	M8	14	34	32
10	20	23	27	M10	17	42	40
12	22.3	28	32	M10	20	50	48
14	27	32	38	M12	22	52	52
16	31	32	41	M14	26	66	64
18	35	38	47	M16	27	68	68
20	38	46	58	M16	30	72	76
22	43	46	58	M20	36	89	88
26	40	46	58	M20	36	89	88
28	50	50	66	M22	38	90	96
32	52	50	70	M22	39	92	104
36	56	50	70	M22	39	92	104
38	64	55	78	M24	48	120	122
44	73	62	90	M27	52	135	150
52	85	69	103	M30	56	154	185

### Commercial Grade Wire Rope Grips

Conforms to federal specifications. Heavy duty saddles & larger sized nuts for higher tightening force.



Size (in)	Size (mm)	A (mm)	B (mm)	C (mm)	D (in)	E (mm)	F (mm)	G (mm)
1/16	1.6-2	9	12	12	3/16 - 24	9	19	16
1/8	3	11	14	14	3/16 - 24	11	22	19
3/16	4-5	14	15	16	1/4 - 20	13	24	24
1/4	6	17	16	20	5/16 - 18	15	32	32
5/16	8	18	18	22	5/16 - 18	16	34	34
3/8	9-10	23	20	27	3/8 - 16	22	42	42
1/2	12-13	27	24	35	7/16 - 14	24	54	54
9/16	14	30	26	40	1/2 - 13	27	55	55
5/8	16	33	29	40	1/2 - 13	28	60	60
3/4	19	35	32	42	9/16 - 12	34	69	69
7/8	22	41	37	46	5/8 - 11	38	78	78
1	25	45	42	55	5/8 - 11	43	88	88



## Solid Thimbles

Generally in accordance with AS 1138

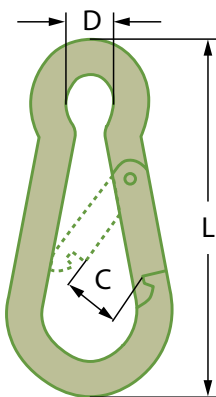
Size (mm)	Pre Drilled Hole Size
16	28mm
18	30mm
20	30mm
22	32mm
24	41mm
26	44mm
28	47mm
32	53mm
36	59mm
40	65mm
44	70mm

*There will be an additional \$40 net surcharge for each unit if you require new drilling hole size and allow 2 days for delivery from our warehouse.*

*Note: Pre-drilled hole sizes may vary from stated measurements.*

## Snap Hooks

Generally in accordance with DIN 5299 C. Electro - zinc plated, material mild steel, spring catch

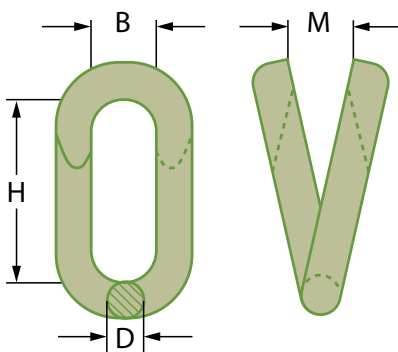


Size (mm)	WLL (kg)	L (mm)	D (mm)	C (mm)
4	80	40	7	7
5	100	50	8	7
6	120	60	9	8
8	180	80	12	9
10	230	100	15	11
12	380	140	20	19
15	550	200	22	35

*The WLL is a guide only and it is not for lifting.*

## Split (Repair) Links

Quick easy connection or termination of chain, Manufactured from mild steel, Hammer shut and weld if needed, Larger gap for easier attachment to chain or fittings, Electro plated finish; for anti-corrosion and easy welding, Suggest select nominal chain diameter plus one size up, Not suitable for lifting purposes



D	B	H	M
3	6.5	16.5	4
4	8	20	5.5
5	9.5	23	6
6	10.5	29	7
8	15	37	9
10	17	37.5	10
13	20	40	13