



Herc-Alloy 800™

Easily the best lift in the Grade 80 class

When it comes to lifting, you want to be 100% sure that you're using the best there is. And with PWB Anchor's Herc-Alloy high strength chain and fittings that's what you get. Manufactured from hardened and tempered steel, the Herc-Alloy 800 Lifting System is tough, durable and reliable. Backed by PWB Anchor's unequalled technical support, and meeting the most exacting quality control standards, Herc-Alloy 800 boasts the best safety record in the industry. Easily.

Standard Features

- Manufactured from hardened and tempered steel
- Superior performance in high impact applications
- Chain tested to a load in excess of 60% of the minimum break strength based on 800MPa
- Individually proof tested components in accordance with relevant
- Australian Standards AS 3776 & AS 3775
- Unequalled technical support
- ISO 9001 quality assurance accreditation
Test certificates available on request

Benefits

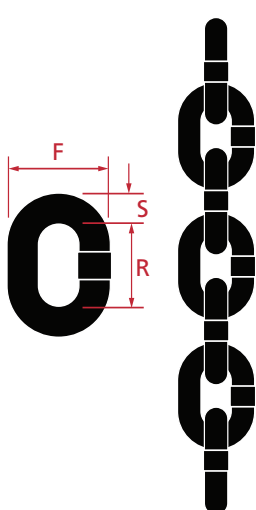
- Increased strength allows for lighter, more durable slings
- Tougher, more reliable lifting capability
- Easier handling
- Less downtime
- Increased product life
- Unsurpassed safety record

Grade 80 Alloy Lifting Chain & Fittings

Herc-Alloy 800 Chain/Hammerloks



Combining the qualities of high strength, low weight and durability resulting in easy, safe handling, Herc-Alloy 800 chain is manufactured to the most exacting quality control standards and conforms to the mechanical properties of Grade T Chain specified in Australian Standard AS 2321. Available in sizes ranging from 6mm to 32.0mm.



Chain Size (mm)	WLL (tonnes)	S (mm)	R (mm)	F (mm)	Part No	kg/100m
6.0	1.2	6.3	20.8	22.3	40135	81.4
7.1	1.6	7.1	23.8	25.9	40136	114.0
8.0	2.0	8.0	23.5	27.0	40959	140.0
10.0	3.2	9.7	29.8	33.8	40137	208.0
13.0	5.4	12.7	38.0	43.0	40138	349.0
16.0	8.0	16.0	47.3	54.0	40139	564.0
20.0	12.5	20.0	59.2	67.5	40140	878.0
22.0	15.5	22.0	65.0	74.2	40141	1066.0
26.0	21.6	26.0	78.0	90.0	41256	1510.0
32.0	32.8	32.0	96.0	111.0	40143	2280.0

Herc-Alloy 800™ Chain may be supplied with the following identification markings: HA800 CM; PWB HA800; PWB HA; HA CM; CMU HA 800; G80; G800; HA800; HA8; PWB-HA8

Chain sizes 6mm to 22mm manufactured in Australia

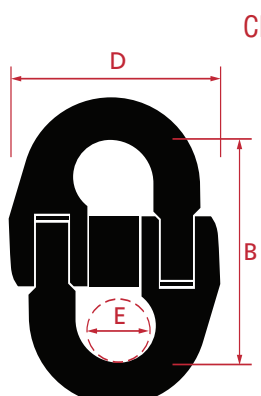


Hammerlok™

Dependable and easy to use, the Hammerlok's simple design allows for instant assembly, dismantling and reassembly of slings.

Ensure each Hammerlok™ body half shall not have in use more than one load-bearing component or chain. Always allow for sufficient articulation and avoid over-crowding to ensure the load will be transmitted axially.

For reassembly, a new pin and stud assembly is recommended.



Chain Size (mm)	WLL (tonnes)	B (mm)	D (mm)	E* (mm)	Dia Hole** (mm)	Mass (kg)	Part No	Markings
6.0/7.1	1.6	46	43	13	14	0.1	40437	9/32CM,7
7.1/8.0	2.0	53	50	16	15	0.2	40836	7-8 HAMMERLOK
10.0	3.2	66	60	22	19	0.3	40837	10 HAMMERLOK
13.0	5.4	86	80	30	23	0.8	40838	13 HAMMERLOK
16.0	8.0	103	94	32	27	1.1	40440	16 HAMMERLOK
20.0	12.5	121	109	38	32	1.7	40441	18/20 HAMMERLOK
22.0	15.5	131	135	44	34	2.7	40442	20/22 HAMMERLOK
26.0	21.6	146	157	51	40	4.4	40443	26 HAMMERLOK
32.0	32.8	174	197	57	51	8.1	40444	32 HAMMERLOK

* Largest stock diameter of fitting that the Hammerlok™ will accept.

** Minimum hole diameter to accept male leg.

TM Herc-Alloy, Hammerlok, Latchlok and Pinlok are trademarks of PWB Anchor Limited. Dimensions and masses subject to commercial tolerances and design changes without notice.

Grade 80 Alloy Lifting Chain & Fittings

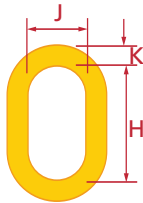
Oblong Links



The Herc-Alloy range of Oblong Links allows for greater flexibility in selection and construction of sling assemblies.

Regular Series Oblong Link

For use in both single and 2-leg applications

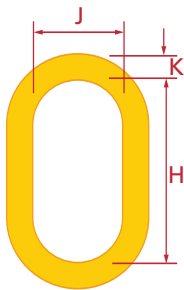


Chain Size		WLL	H	J	K	Mass	Part No	Markings*
1 leg	2 leg	(tonnes)	(mm)	(mm)	(mm)	(kg)		
6.0-10.0	6.0-8.0	3.5	88	44	13	0.3	40490	10-40490-8
13.0	10.0	5.5	114	57	20	0.9	40491	13-40491-10
16.0	13.0	9.4	130	63	22	1.2	40492	16-40492-13
20.0	16.0	13.8	160	80	30	2.7	40493	20-40493-16
22.0	20.0	21.6	180	90	33	3.7	40494	22-40494-20
26.0	22.0	26.8	200	100	39	5.5	40495	26-40495-22

* Includes standard markings of either PWB-HA800 or PWB-HA8

Large Series Oblong Link

Wider and longer than the Herc-Alloy Regular Oblong Link, the Large Series Oblong Link is also designed for use in both single and 2-leg applications

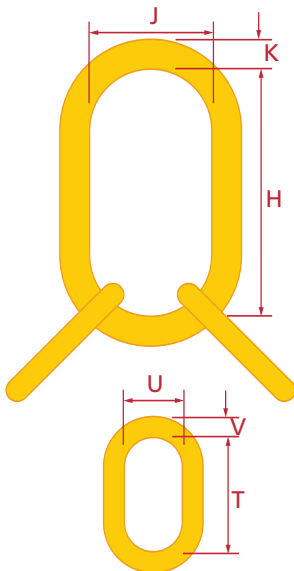


Chain Size		WLL	H	J	K	Mass	Part No	Markings*
1 leg	2 leg	(tonnes)	(mm)	(mm)	(mm)	(kg)		
6.0-7.1	-	1.6	130	63	13	0.4	40617	7.1-40617
8.0/10.0	7.1/8.0	3.5	140	70	16	0.7	40618	10-40618-8
13.0	10.0	5.5	200	100	22	1.7	40619	13-40619-10
16.0	13.0	9.4	240	120	30	3.8	40620	16-40620-13
20.0	16.0	13.8	280	140	33	5.4	40621	20-40621-16
22.0	20.0	21.6	300	150	39	8.5	40622	22-40622-20
26.0	22.0	26.8	330	165	42	10.5	40623	26-40623-22
32.0	26.0	37.4	360	180	48	15.0	40624	32-40624-26

* Includes standard markings of either PWB-HA800 or PWB-HA8

Large Multi Oblong Link

The Large Multi Oblong Link comprises a master link and two intermediate links, each with the same lifting capacity. The intermediate links allow for back hooking and attachment of thimbles. Designed for use in 2, 3 or 4-leg applications.



Chain Size	WLL	H	J	K	T	U	V	Mass	Part No	Markings*
2, 3 or 4 leg	(tonnes)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)		
6.0-8.0	3.5	180	90	19	88	44	13	1.7	40542	40542-8
10.0	5.5	240	120	24	114	57	20	4.0	40543	40543-10
13.0	9.4	280	140	30	130	63	22	6.7	40544	40544-13
16.0	13.8	300	150	33	160	80	30	11.1	40545	40545-16
20.0	21.6	330	165	42	180	90	33	17.5	40546	40546-20
22.0	26.8	360	180	48	200	100	39	25.2	40547	40547-22
26.0	37.4	400	250	70	300	150	50	70.0	40548	SY-T 322
32.0	56.8	400	250	80	300	170	60	95.0	40549	SY-T 323

* Includes standard markings of PWB-HA800 or PWB-HA8 on the master link (6-22mm sizes)



We have the right product, at the right price, when you need it, on-time, every time

Grade 80 Alloy Lifting Chain & Fittings

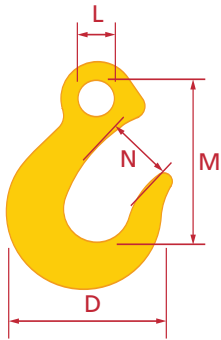
Hooks



Herc-Alloy 800 Hooks are forged from alloy steel and engineered to match the high performance and safety standard of the complete Herc-Alloy 800 range. Painted in distinctive yellow for easy identification.

Sling Hook

A versatile, general purpose hook suitable for most slinging applications. Features generous throat opening for easy removal from loads.

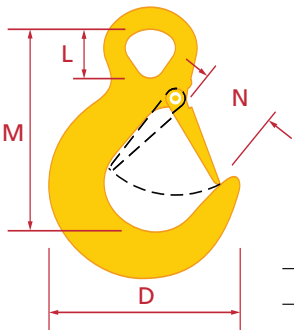


Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
6.0-8.0	2.0	89	18	82	32	0.4	40302	7-8 Sling
10.0	3.2	103	22	101	39	0.8	40303	10 Sling
13.0	5.4	120	26	120	48	1.3	40304	13 Sling
16.0	8.0	147	30	141	56	2.3	40305	16 Sling
20.0	12.5	199	37	198	63	5.6	40306	CM Herc Alloy 3/4 18/20-8
22.0	15.5	218	43	223	71	7.9	40307	CM Herc Alloy 7/8 22-8
26.0	21.6	243	47	250	79	10.6	40308	CM Herc Alloy 1 26-8
32.0	32.8	294	58	292	98	16.9	40309	CM Herc Alloy 1 1/4 32-8

Sizes 7-8 to 16mm marked PWB HA800

Safety Hook

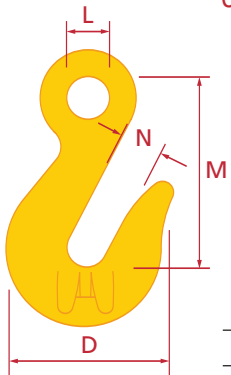
Fitted with sturdy spring loaded safety catch for added security in lifting. Replacement safety latch kits readily available.



Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
6.0-8.0	2.0	80	28	103	25	0.5	43946	7/8-8 B2045
10.0	3.2	100	38	120	32	0.9	43947	10-8 B2065
13.0	5.4	130	43	151	38	1.7	43948	13-8 B2085
16.0	8.0	155	54	181	46	3.2	43949	16-8 B2105
20.0	12.5	180	62	217	56	5.9	43950	18/20-8 B2125
22.0	15.5	218	43	223	60	8.5	40325	CM Herc Alloy 7/8 22-8
26.0	21.6	243	47	250	70	10.8	40326	CM Herc Alloy 1 26-8
32.0	32.8	294	58	292	86	17.0	40327	CM Herc Alloy 1 1/4 32-8

Grab Hook

Designed with a cradle support that avoids damaging chain links. Sizes 6.0mm to 13.0mm have no reduction in WLL when used as a shortening hook.



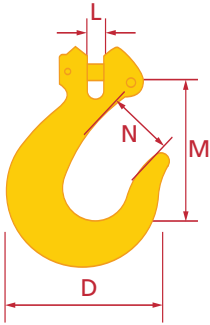
Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
6.0	1.2	41	14	42	8	0.1	40310	5-6 Grab
7.1/8.0	2.0	54	18	67	10	0.3	40311	7-8 Grab
10.0	3.2	70	22	83	13	0.6	40312	10 Grab
13.0	5.4	88	28	109	16	1.5	40313	13 Grab
16.0	8.0	104	32	121	19	2.0	40314	16-8 HA 5/8
20.0	12.5	124	37	140	23	3.2	40315	18/20-8 HA 3/4
22.0	15.5	144	44	165	25	4.7	40316	22-8 HA 7/8
26.0	21.6	178	48	206	30	9.4	40317	26-8 HA 1
32.0	32.8	210	57	267	38	18.1	40318	1 1/4 Alloy T8

Sizes 5-6 to 13mm marked as PWB Anchor HA800



Pinlok Sling Hook™

A versatile, general purpose hook suitable for most slinging applications with the added advantage of safety latch kits available for conversion to a Pinlok Safety Hook.

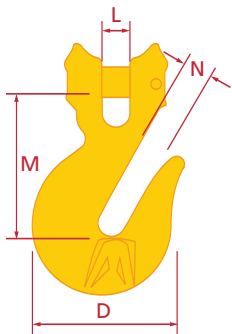


Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
7.1/8.0	2.0	89	9	77	32	0.4	40384	7-8 Pinlok Sling
10.0	3.2	103	11	94	39	0.8	40385	10 Pinlok Sling
13.0	5.4	120	14	112	47	1.4	40386	13 Pinlok Sling
16.0	8.0	147	18	131	55	2.4	40387	16 Pinlok Sling
20.0	12.5	199	22	186	63	6.0	40388	CM Herc-Alloy 3/4 18/20-8

Sizes 7–8 to 16mm marked PWB HA800

Pinlok Grab Hook™

With reinforced saddle for firmer hookups and less wear, the Herc-Alloy 800 Pinlok Grab Hook features an almost round leg section to resist twisting or bending. Ideal for back-hooking.

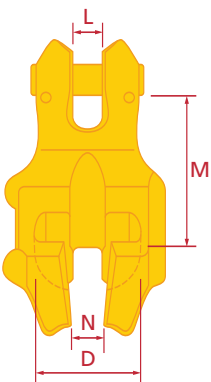


Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
7.1/8.0	2.0	54	9	57	10	0.3	40379	7-8 Pinlok Grab
10.0	3.2	70	11	70	12	0.7	40380	10 Pinlok Grab
13.0	5.4	88	14	91	16	1.5	40381	13 Pinlok Grab
16.0	8.0	104	19	90	19	2.0	40382	16 Alloy-8
20.0	12.5	125	22	108	23	3.3	40383	18/20 Alloy-8

Sizes 7–8 to 13mm marked PWB HA800

Pinlok Shortening Hook™

The Herc-Alloy 800 Pinlok Shortening Hook offers greater sling flexibility by allowing quick and effective shortening of the chain sling while being used at its full, unshortened, working load. Not to be used as bottom fitting or for back-hooking or reeving applications.



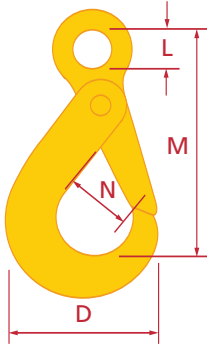
Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
7.1/8.0	2.0	29	9	67	9	0.3	40365	SCA 7/8-8T
10.0	3.2	36	11	77	11	0.7	40366	SCA 10-8T
13.0	5.4	47	15	101	14	1.5	40367	SCA 13-8T
16.0	8.0	62	18	127	19	2.6	40368	SCA 16-8T
20.0	12.5	74	22	157	23	3.5	40369	SCA 18/20-8T

Note: Always ensure the loaded chain passes out of the bottom of the Pinlok Shortening Hook.



Latchlok Hook™

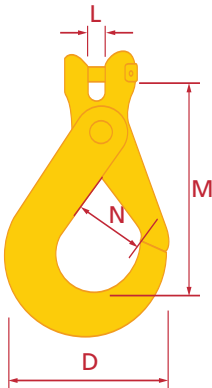
Able to be easily closed with one hand, the Herc-Alloy 800 Latchlok Hook will close itself when the load is engaged and will not disengage even if the load is temporarily set down. When the load is released, the latch is simply opened by pressing the release trigger, and stays open, making hook up very easy.



Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
6.0	1.2	74	24	110	30	0.5	40498	CLo 5/6-8
7.1/8.0	2.0	88	30	130	36	0.8	40337	CLo 7/8-8
10.0	3.2	106	36	168	44	1.5	40338	CLo 10-8
13.0	5.4	136	47	196	50	3.2	40339	CLo 13-8
16.0	8.0	173	60	254	65	6.0	40340	CLo 16-8
20.0	12.5	187	66	274	78	7.9	40499	CLo 18/20-8
22.0	15.5	222	73	317	92	13.4	40501	CLo 22-8

Pinlok Latchlok Hook™

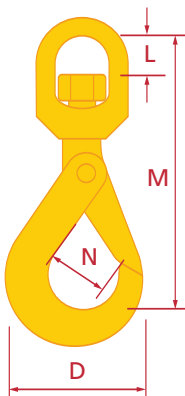
Designed for rugged, demanding and critical applications, the Herc-Alloy 800 Pinlok Latchlok Hook can be mechanically coupled to chain for easy assembly and use.



Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
6.0	1.2	74	6.5	85	30	0.5	40359	CLc5/6-8
7.1/8.0	2.0	88	9	113	36	0.7	40371	CLc 7/8-8
10.0	3.2	106	11	137	44	1.6	40372	CLc 10-8
13.0	5.4	136	14	170	50	3.2	40373	CLc 13-8
16.0	8.0	173	17	210	65	5.7	40374	CLc 16-8
20.0	12.5	187	22	235	78	8.1	40360	CLc 18/20-8
22.0	15.5	222	24	285	92	14.0	40364	CLc 22-8

Swivel Latchlok Hook™

With all the features of a Latchlok Hook, but with the added bonus of swivel action to assist in the removal of sling leg twist. Particularly suitable for high-rise lifting.

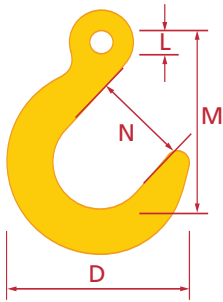


Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
6.0	1.2	74	24	141	30	0.6	40392	CLt5/6-8
7.1/8.0	2.0	88	27	171	36	1.0	40375	CLt 7/8-8
10.0	3.2	106	33	207	44	2.2	40376	CLt 10-8
13.0	5.4	136	41	250	50	4.0	40377	CLt 13-8
16.0	8.0	173	54	317	65	7.0	40378	CLt 16-8
20.0	12.5	187	61	355	78	10.0	40393	CLt 18/20-8



Foundry Hook

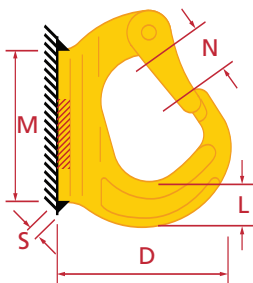
For use where large throat openings are necessary. Appropriate for foundry applications and unusually bulky attachment points.



Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings
7.1	1.6	121	16	121	63	1.1	40351	7 Foundry Alloy-8
10.0	3.2	146	19	146	76	1.9	40352	10 Foundry Alloy-8
13.0	5.4	171	25	175	89	3.2	40353	13 Foundry Alloy-8
16.0	8.0	198	32	205	102	5.3	40354	16 Foundry Alloy-8
20.0	12.5	232	38	235	114	9.1	40355	18/20 Foundry Alloy-8
22.0	15.5	256	44	264	127	11.8	40356	22 Foundry Alloy-8
26.0	21.6	283	54	294	140	16.7	40357	26 Foundry Alloy-8
32.0	32.8	322	60	327	152	26.5	40358	32 Foundry Alloy-8

Weld-on Hook

The solution to lifting and spreader beam attachment problems, or for any fixed anchor points. Manufactured from treated alloy steel, the Herc-Alloy 800 Weld-On Hook allows for axial loading and positive locking of the safety latch.

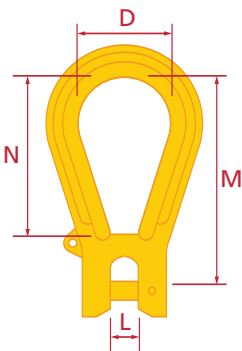


WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	S (mm)	Mass (kg)	Part No	Markings
2	91	24	83	25	5	0.8	40916	SY D1601 2T
5	134	44	162	35	10	2.5	40917	SYSMA D16 ST
10	169	56	207	47	10	5.0	40918	SYSMA D16 10T

- Welding surfaces must be cleaned thoroughly
- Welding operations must be continuous and performed by qualified personnel
- Preheat welding surfaces if temperature below 10°C
- Use basic coated electrodes
AS1553.1: E4818 Grade 4-6
AWS A5.1: E7018-1 or equivalent
- Ensure assembly has been tested before use

Pinlok End Link™

A versatile link designed for use in single leg applications, reeving slings or as terminal end fittings.

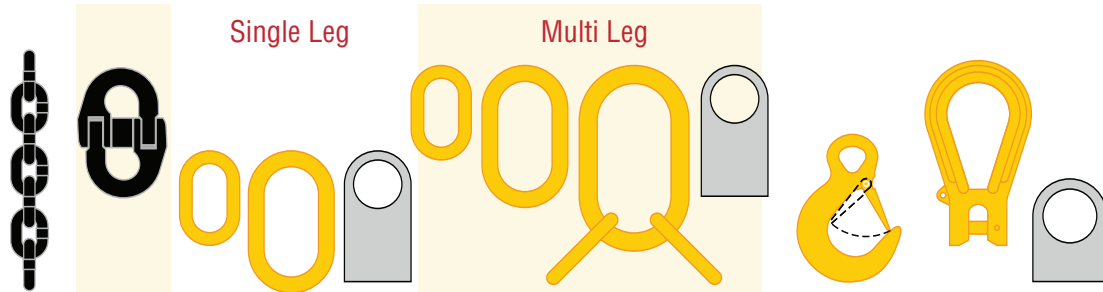


Chain Size (mm)	WLL (tonnes)	D (mm)	L (mm)	M (mm)	N (mm)	Mass (kg)	Part No	Markings*
7.1/8.0	2.0	38	9	100	80	0.3	40180	7-8 Pinlok Link
10.0	3.2	49	11	123	98	0.6	40181	10 Pinlok Link
13.0	5.4	63	14	158	121	1.2	40182	13 Pinlok Link
16.0	8.0	76	18	195	151	2.3	40183	16 Pinlok Link

* Includes standard marking of PWB-HA800



Herc Alloy 800

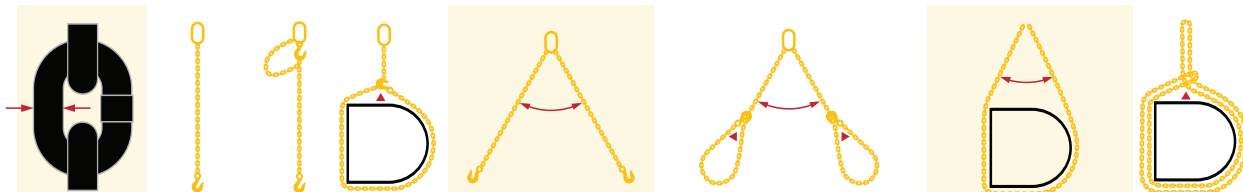


Chain Size (mm)	Single Leg					Multi Leg				Sling Hook	Safety Hook	Pinlok Endlink	Tag
	Chain	Hammerlok	Regular Series	Large Series	Single Tag	Regular Series	Large Series	Large Multi	Multi Tag				
6.0	40135	40437	40490	40617	40961	40490	—	40542	40962	40302	43946	—	—
7.1	40136	40836	40490	40617	40854	40490	40618	40542	40863	40302	43946	40180	40184
8.0	40959	40836	40490	40618	40963	40490	40618	40542	40964	40302	43946	40180	—
10.0	40137	40837	40490	40618	40855	40491	40619	40543	40864	40303	43947	40181	40185
13.0	40138	40838	40491	40619	40856	40492	40620	40544	40865	40304	43948	40182	40187
16.0	40139	40440	40492	40620	40857	40493	40621	40545	40866	40305	43949	40183	40188
20.0	40140	40441	40493	40621	40858	40494	40622	40546	40867	40306	43950	—	—
22.0	40141	40442	40494	40622	40859	40495	40623	40547	40868	40307	40325	—	—
26.0	41256	40443	40495	40623	40860	—	40624	40548	40869	40308	40326	—	—
32.0	40143	40444	—	40624	40861	—	—	40549	40870	40309	40327	—	—

Single leg slings

2, 3, or 4 slings

Endless slings



Chain Size (mm)	Single leg slings			2, 3, or 4 slings						Endless slings			
	Straight Sling	Adjustable Sling	Reeved Sling	Straight Sling			Reeved Sling			Basket Sling			Reeved Sling
				60°	90°	120°	60°	90°	120°	60°	90°	120°	
6.0	1.2	1.2	0.95	2.2	1.7	1.2	1.6	1.3	0.95	1.6	1.3	0.95	1.9
7.1	1.6	1.6	1.2	2.8	2.3	1.6	2.1	1.7	1.2	2.1	1.7	1.2	2.4
8.0	2.0	2.0	1.5	3.5	2.8	2.0	2.6	2.1	1.5	2.6	2.1	1.5	3.0
10.0	3.2	3.2	2.4	5.5	4.5	3.2	4.1	3.4	2.4	4.1	3.4	2.4	4.8
13.0	5.4	5.4	4.0	9.4	7.6	5.4	7.0	5.7	4.0	7.0	5.7	4.0	8.1
16.0	8.0	8.0*	6.0	13.8	11.3	8.0	10.4	8.5	6.0	10.4	8.5	6.0	12.0
20.0	12.5	12.5*	9.4	21.6	17.6	12.5	16.3	13.3	9.4	16.3	13.3	9.4	18.8
22.0	15.5	11.6*	11.6	26.8	21.9	15.5	20.1	16.4	11.6	20.1	16.4	11.6	23.2
26.0	21.6	16.2*	16.2	37.4	30.5	21.6	28.0	22.9	16.2	28.0	22.9	16.2	32.4
32.0	32.8	24.6*	24.6	56.8	46.4	32.8	42.6	34.8	24.6	42.6	34.8	24.6	49.2

The values expressed on this table exceed or meet the minimum requirements of AS 3775.2 and are stated in tonnes of 1000kg

Grade 80 Alloy Lifting Chain & Fittings

General Information



Care

Store Herc-Alloy 800 chain slings on A-frames or wall racks in a clean dry place.

Lightly oil Herc-Alloy 800 chain slings before prolonged storage.

Never heat-treat Herc-Alloy 800 chain slings.

Use

Always inspect a chain sling before use to ensure it is free from damage or wear.

Ensure that the load is evenly distributed on all sling legs.

Ensure that the chain is free of twists and is protected from any sharp corners on the load.

Commence the lift slowly, taking up the slack gradually.

When lowering, avoid the possibility of crushing the chain by ensuring that the load does not land on it.

Inspection

It is important to inspect chain slings regularly and that a record is kept for each chain sling. Chain sling inspection record cards are available from PWB Anchor Ltd and Herc-Alloy 800 chain and fitting distributors free of charge.

If necessary, clean the sling before inspection.

Every chain link should be individually inspected for signs of wear, twisting, stretching, nicks, or gouging, and any worn link measured to determine degree of wear.

Oblong links and hooks should be inspected at their loadbearing points for signs of wear or distortion, eg widening of hook throat opening.

Defective chain links or fittings should be clearly marked to indicate rejection, and the chain sling withdrawn from service until repaired.

Hammerlocks should be inspected for any signs of wear at their loadbearing points, for excessive play of the load pin within the body halves and for impaired rotation of the body halves around the load pin. (Note: when reassembling a Hammerlok it is recommended that a new pin and stud assembly be used.)

Enter all results in the sling inspection record card.

Effects of Hazardous Conditions

Heat Conditions

The strength of all chain slings is adversely affected by heat so care must be exercised when using at elevated temperatures. Where temperatures are likely to be higher than 200°C reductions in the working load limits of Herc-Alloy 800 slings should be applied. (See table)

Heat Treatment

Herc-Alloy 800 Chain & Fittings do not required periodic heat treatment and must never be heat treated.

Corrosive Conditions

Herc-Alloy 800 Chain & Fittings should not be used in acid or other corrosive environments.

Galvanising

Herc-Alloy 800 Chain & Fittings must never be hot dipped, mechanically galvanised or electroplated except by PWB Anchor.

Hot dipped galvanised slings must always have their working load reduced by 20%.

Temperature Reduction of Range °C WLL while heated

Up to 200 Nil

200–300 10%

300–400 25%

Over 400 Do not use

