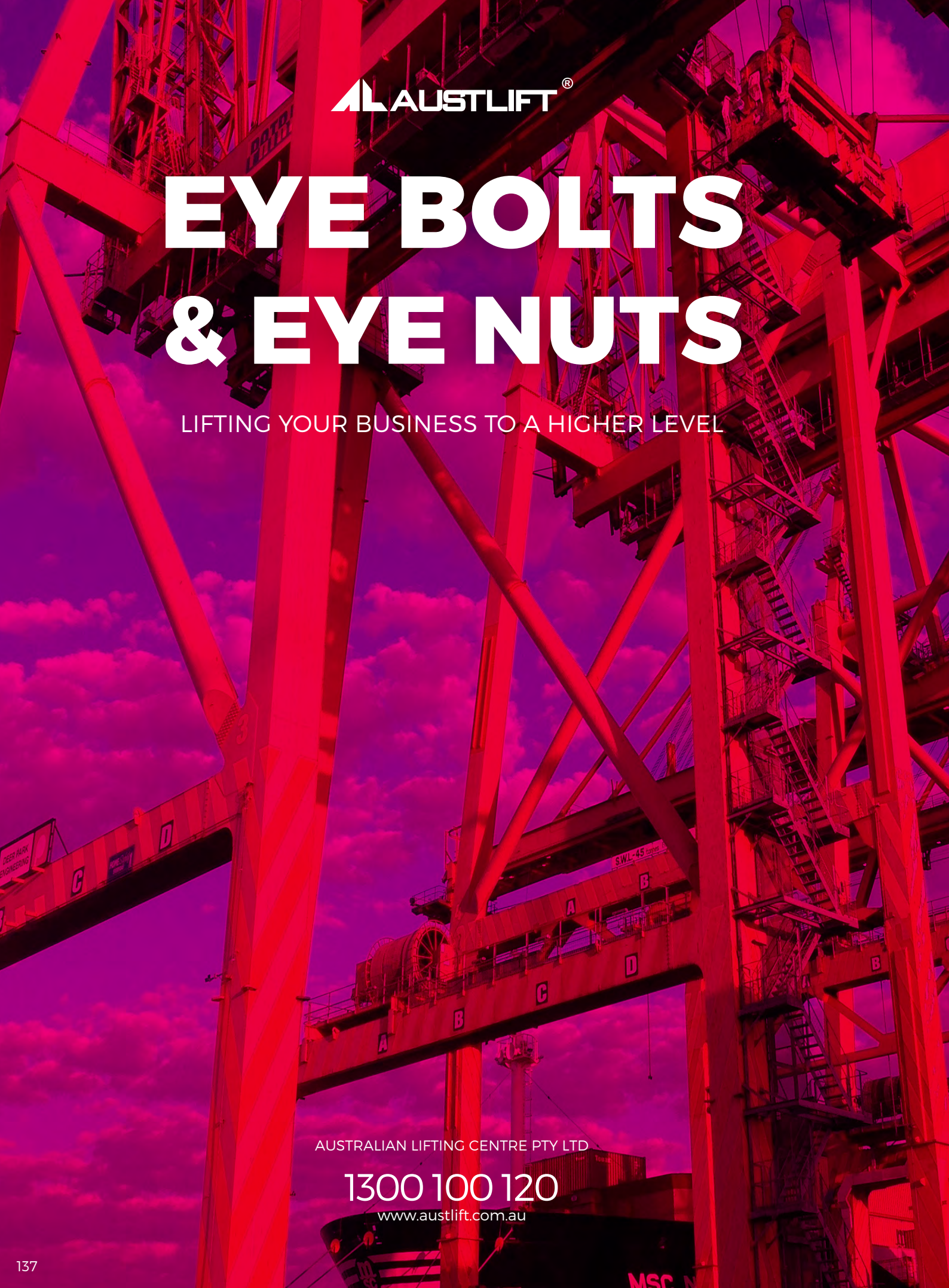
AUSTLIFT®
EYE BOLTS
& EYE NUTS
LIFTING YOUR BUSINESS TO A HIGHER LEVEL
AUSTRALIAN LIFTING CENTRE PTY LTD
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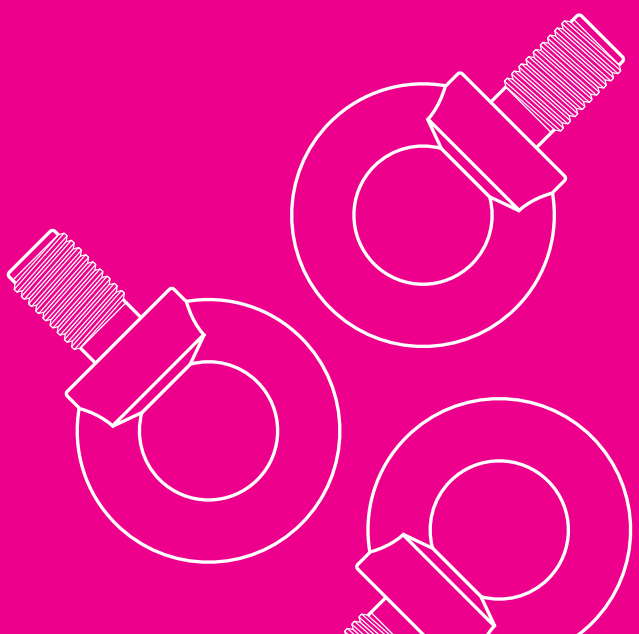
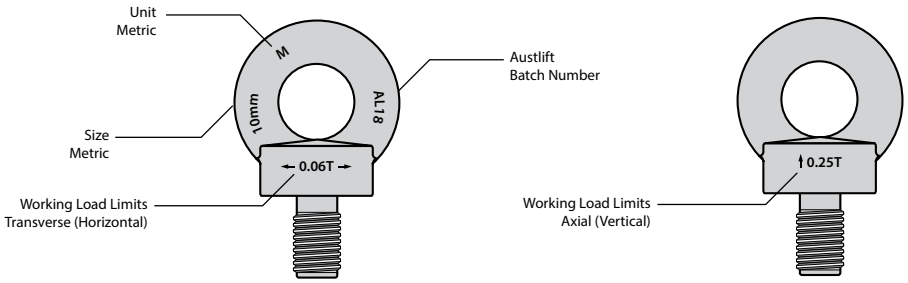
Eye Bolts & Eye Nuts

Inspection Before Use	139
Warning	140
Care and Use	140
Eye Nut (DIN 582)	141
Eye Bolt (DIN 580)	141
Working Load Limit for DIN Eye Bolt/Nut	142
Eye Bolt (AS2317/BS4278)	143
Eye Bolt (AS2317/BS529)	143
Working Load Limit for AS/BS Eye Bolt	144
Eye Bow Nut	145
Stubby Eye Bolt & Working Load Limit	146
Oblong Eye Bolt & Working Load Limit	147
Mega Eye Bolt & Working Load Limit	148

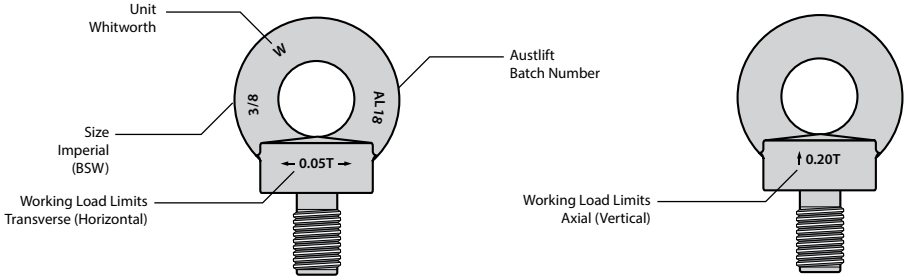


Eye Nut & Bolt Identification Marks

Metric



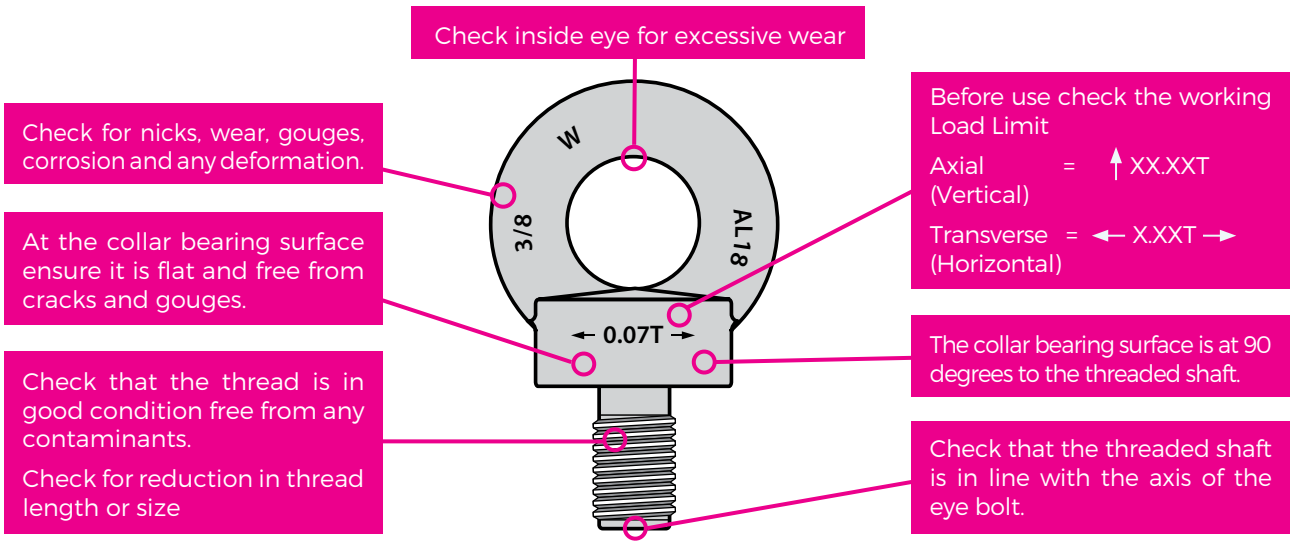
Imperial



Inspection Before Use

THE PRE-USE CHECK FOR EYE BOLTS SHOULD INCLUDE THE FOLLOWING:

1. Ensure the working load limit is marked and clearly legible.
2. Check for any signs of deformation, cracking, nicks, gouges and excessive bruising, wear or corrosion.
3. Threads should be concentric and fit neatly into a standard threaded hole or rated nut.
4. Check that the centre line of the eye is aligned with the centre line of the thread.
5. Check the threaded hole to ensure it is clean and no other foreign matter that could restrict the eye bolts from seating correctly in the hole. Particular attention should be paid to the threaded hole to ensure it is in good condition.
6. Check that the hole thread and the eye bolt thread are compatible.
7. It is important to check the surface area around the threaded hole (which the eye bolt collar will sit on) to ensure it is clean, free from deformation, cracking or any other problem that may restrict the Eye Bolt seating correctly.
8. It is not suggested to use eye bolts 12mm and under for lifting purposes, refer to relevant standards.



WARNING

- Eye bolts should always be used in accordance with Australian Standards or other relevant standards and the manufacturers recommendations.
- When eye bolts are used the load should always be tethered to prevent it from spinning during lifting operation.
- The working load limit for eye bolts is in the direct vertical lifting plane.
- Eye bolts used in multi leg assemblies must be de-rated.
- Where a single eye bolt is used, care should be taken to ensure that it remains screwed home throughout the lifting operation. If a single eye bolt is used for lifting and there is a possibility that the load will rotate or twist, a swivel should be used in the system to prevent the eye bolt unscrewing.
- Never lift with an eye bolt that is not correctly seated on its collar bearing surface. A dangerous situation is created when incorrectly seated Eye Bolts are loaded.
- Never use excessive leverage to tighten an eye bolt. Excessive tightening will cause stretching and deformation of the thread resulting in a dangerous situation.

Care and Use

Austlift eye bolts comply with DIN580, BS4278, BS529 and AS2317 and are manufactured to the highest quality. Austlift eye nuts are manufactured to DIN582. We also provide hanging loop type eye nuts.
Note: Care and use information should be taken as a general guide, as collared eye bolts are suitable for a number of broad applications.

Small Eye Bolts: We suggest that eye bolts of sizes smaller than 12mm should not be used for general lifting, staying or tensioning purposes, as high torsional stresses are easily induced in these smaller sizes by being screwed up too tightly. However, where they are used, care should be taken to not cause excessive torsional stresses while they are being fitted to a threaded hole.

Matching of Threads: Extreme care should be taken to ensure that eye bolts are not screwed into threaded holes of a different size or type of thread. Accidents may be caused by eye bolts with metric threads being screwed inadvertently into tapped holes having a BSW or UNC thread and vice versa. Apart from force fits, the thread sizes listed in the table below may be wrongly matched with the risk that the eye bolt may pull out of the threaded hole below the design load.

The possibility of mixing threads has always existed, but it has been accentuated by the change to metric threads. Where an eye bolt is removed from a threaded hole, it is recommended that the surface adjacent to the threaded hole be marked with the thread type and size and a plug be inserted into the threaded hole, or that other equally effective action be taken to reduce the possibility of mismatching threads. Where an eye bolt cannot be screwed by hand, the cause of the tight fit may be mixed threads.

Threaded Attachment: Where an eye bolt is used in an untapped hole, the thread should engage a nut with a thread length of at least the full thickness of a standard sized nut.

Where an eye bolt is used with a tapped hole in a plate the length of thread engagement should be at least the nominal diameter of the thread. Where the undercut is not sufficient to allow for an adequate engagement of the collar, a parallel washer beneath the collar should be used so that an adequate engagement is achieved.

If the nut side of the eye bolt is on a tapered surface, such as the inside flange of an RSJ beam, then a tapered washer should be used.

INCORRECT MATCHED THREAD SIZES ARE PARTICULARLY TROUBLESOME			
METRIC EYE BOLT	**BSW AND UNC HOLE (in)**	**METRIC EYE BOLT**	**BSW AND UNC HOLE (in)**
M6*	1/4"	M27	1-1/16"
M8*	5/16"	M30	1-1/4"
M10*	3/8"	M33	1-5/16"
M12	1/2"	M36	1-1/2"
M14	9/16"	M39	1-9/16"
M16	5/8"	M42	1-3/4"
M20	3/4"	M48	2"
M22	7/8"	M52	2-1/16"
M24	1"	M56	2-3/16"
Where an eye bolt cannot be screwed by hand, the cause of the tight fit may be mixed threads. *Please refer to note's small eye bolts above.			

Tightening of Eye Bolts: Eye bolts should be screwed fully down to the face of the lifted load; however, excessive tightening of the eye bolt should be avoided. It should not be possible to enter a 0.04 mm feeler gauge at any position between the collar of an eye bolt and its seating. Where this condition is not achieved, any non-axial loading may overstress the screw thread.

Alignment of the Eye: Where correct alignment of the eye of an eye bolt is required but not accomplished at the first fitting, it should be achieved by the following methods: (a) Fitting a shim washer of steel under the collar. A shim washer should not be less in diameter than the diameter of the collar, and the thickness should be between 50% and 100% of the pitch of the threaded shank. (b) Machining the underside of the collar. The amount of material machined from the collar should not exceed 50% of the pitch of the thread on the shank of the eye bolt.

Continuous Slings: A continuous sling should not be used with pairs of eye bolts. Where a continuous sling is used with a pair of eye bolts, the load applied to the eye bolts is considerably increased by the tension in the horizontal portion of the sling and this may overstress the eye bolts. Whenever lifting with eye bolts in pairs supported by slings, always use rigging assemblies with individual sling lengths.

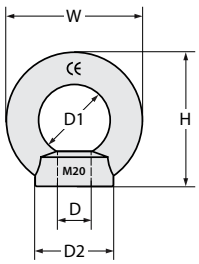
Loading Not Aligned with Threaded End: Where the centre-line of loading is not in line with the axis of the threaded end of the eye bolt, including where a two-leg sling is connected to a pair of eye bolts to support a load, the following apply: (a) The diameter of the boss of the tapped hole, into which the eye bolt is screwed, should be no less than the diameter of the collar of the eye bolt. (b) The angle between the centre-line of the loading on the eye of the eye bolt and the plane containing the eye of the eye bolt should not exceed 5°, unless and adequate reduction is made to the WLL.

Where the perpendicular loading is applied (sometimes called 'trunnion lifting'), the eye of the eye bolt should be aligned in the vertical plane.

Where two pairs of eye bolts are fitted to a single item, lifting should be effected by means of two two-leg slings and a spreader bar to ensure the load is distributed evenly across the eye bolts. This arrangement also allows the load to be readily applied to each eye bolt in the plane of the eye.

DIN EYE NUTS & EYE BOLTS

Eye Nut (DIN 582)



Eye Nut DIN 582 are generally used as a removable lifting point where a rated nut can be utilised. Also can be used as a termination for chain, wire rope and other assemblies where required.

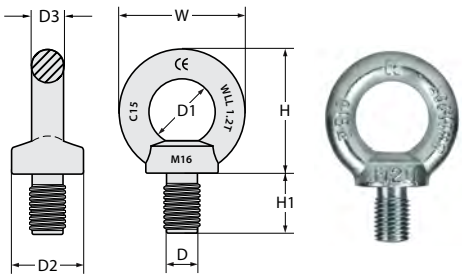
- Made from Grade 4 carbon steel with zinc plated finish, manufactured with a standard larger eye. Only available in metric thread sizes.
- Conforms to DIN 582, marked with working load limit in tonne, nominal size in millimetre, quality grade, batch numbered and supplier identification.
- Proof tested to 2 x working load limit and minimum breaking force of 6 x working load limit.
- Test certificates are available upon request.

SIZE (mm)	CODE	PITCH (mm)	WLL (T)	Wt. (kg)	DIMENSIONS (mm)				
					D	D1	D2	H	W
M6	602006	1.00	0.07	0.055	6	20	20	36	36
M8	602008	1.25	0.14	0.06	8	20	20	36	36
M10	602010	1.50	0.23	0.1	10	25	25	45	45
M12	602012	1.75	0.34	0.19	12	30	30	53	54
M16	602016	2.00	0.70	0.31	16	35	35	62	63
M20	602020	2.50	1.20	0.45	20	40	40	71	72
M22	602022	2.50	1.50	0.68	22	45	45	80.5	81
M24	602024	3.00	1.80	0.72	24	50	50	90	90
M27	602027	3.00	2.50	1.16	27	50	50	97	90
M30	602030	3.50	3.60	1.7	30	65	65	109	108
M36	602036	4.00	5.10	2.0	36	75	75	128	126
M42	602042	4.50	7.00	3.0	42	85	85	147	144
M48	602048	5.00	8.60	5.1	48	100	100	168	168

Eye Bolt (DIN 580)

Eye bolts DIN580 are generally used as a removable lifting point where a rated female thread or nut can be utilised also can be used as a termination for chain, wire rope and other assembles where required.

- Made from Grade 4 carbon steel with zinc plated finish, manufactured with a standard larger eye. Only available in metric thread sizes.
- Conforms to DIN580 and DIN582 marked with working load limit in tonne, nominal size in millimetre, quality grade, batch numbered and supplier identification.
- Proof tested to 2 x working load limit and minimum breaking force of 6 x working load limit.
- Test certificates are available upon request.

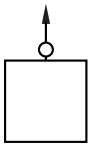
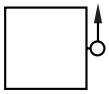
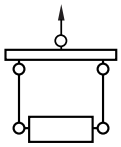
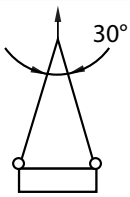
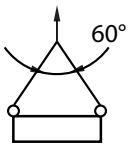
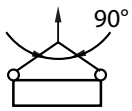


DIN 580 | C15 Carbon Steel | Certified | MBF x6 WLL | Proof loaded x2 WLL

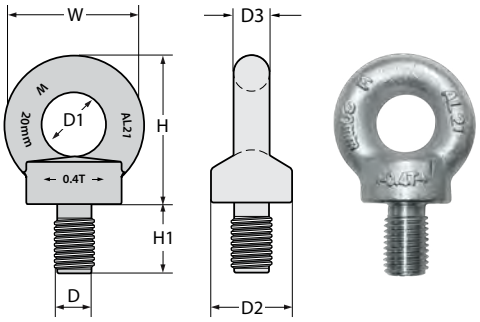
SIZE (mm)	CODE	PITCH (mm)	WLL (T)	Wt. (kg)	DIMENSIONS (mm)						
					D	D1	D2	D3	H	H1	W
*M6	601006	1.00	0.09	0.055	6	20	20	8	36	13	36
M8	601008	1.25	0.14	0.06	8	20	20	8	36	13	36
M10	601010	1.50	0.23	0.1	10	25	25	10	45	17	45
M12	601012	1.75	0.34	0.19	12	30	30	12	53	20	54
M16	601016	2.00	0.70	0.31	16	35	35	14	62	27	63
M20	601020	2.50	1.20	0.45	20	40	40	16	71	30	72
*M22	601022	2.50	1.50	0.68	22	40	40	16	71	30	72
M24	601024	3.00	1.80	0.72	24	50	50	20	90	36	90
*M27	601027	3.00	2.50	1.16	27	54	61.4	22	99	40	98
M30	601030	3.50	3.60	1.6	30	60	65	24	109	45	108
M36	601036	4.00	5.10	2.8	36	70	75	28	128	54	126
M42	601042	4.50	7.00	4.2	42	80	85	32	147	63	144
M48	601048	5.00	8.60	6.36	48	90	100	38	168	68	166
M56	601056	5.50	11.5	8.9	56	100	110	42	187	78	184

* = Products marked are manufactured according to AUSTLIFT specifications

WORKING LOAD LIMIT FOR METRIC DIN STANDARD EYE BOLTS & EYE NUTS (T)

SIZE	SINGLE EYE BOLT/NUTS		PAIR OF EYE BOLTS/NUTS			
	AXIAL	TRANSVERSE	TRANSVERSE	MAXIMUM INCLUDED ANGLE 30°	MAXIMUM INCLUDED ANGLE 60°	MAXIMUM INCLUDED ANGLE 90°
						
M6	0.09/0.07	0.018	0.035	0.088	0.056	0.035
M8	0.14	0.035	0.07	0.176	0.112	0.07
M10	0.23	0.058	0.115	0.29	0.184	0.115
M12	0.34	0.085	0.17	0.428	0.272	0.17
M16	0.70	0.175	0.35	0.882	0.56	0.35
M20	1.20	0.3	0.6	1.512	0.96	0.6
M22	1.50	0.375	0.75	1.89	1.2	0.75
M24	1.80	0.45	0.9	2.268	1.44	0.9
M27	2.50	0.625	1.25	3.15	2.0	1.25
M30	3.60	0.9	1.8	4.536	2.88	1.8
M36	5.10	1.275	2.55	6.426	4.08	2.55
M42	7.00	1.75	3.5	8.82	5.6	3.5
M48	8.60	2.15	4.3	10.836	6.88	4.3
M56	11.50	2.875	5.75	14.49	9.2	5.75

AUSTRALIAN STANDARD EYE BOLTS



AS 2317 | Certified | Carbon Steel | MBF x6 WLL | Proof loaded x2 WLL

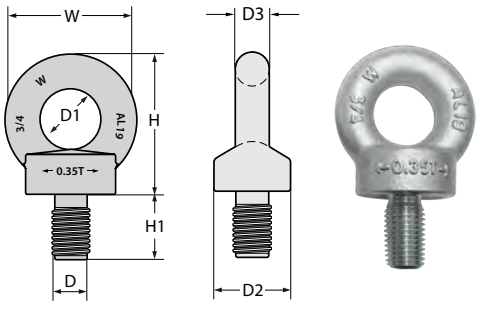
Eye Bolt - AS 2317.1:2018 / BS4278 (with Metric Sizing)

AS 2317.1 / BS4278 eye bolts are generally used as a removable lifting point where a rated female thread or nut can be utilised also can be used as a termination for chain, wire rope and other assembles where required.

- Made from Grade 4 carbon steel following steel specifications of AS 2017.1:2018 / BS970 with zinc plated finish, manufactured with a smaller eye than DIN type.
- Conforms to AS2317.1:2018, marked with manufacturers identification, axial and transverse working load limit on the collar with direction indication arrows in tonne, thread type, nominal size, and batch numbered.
- Proof tested to 2 x working load limit and minimum breaking force of 6 x working load limit.
- Test certificates are supplied upon request.

SIZE (mm)	CODE		PITCH (mm)	SWL (T)	Wt. (kg)	DIMENSIONS (mm)					
	ZINC	BLACK				D	D1	D2	H	H1	W
M8	603008		1.25	0.15	0.06	8	13	20	31	16	28
M10	603010	603010B	1.50	0.25	0.07	10	14	22	35.5	18	29
M12	603012	603012B	1.75	0.40	0.127	12	15	22	40.5	18	41
M16	603016	603016B	2.00	0.80	0.258	16	20	29	53	23	54
M20	603020	603020B	2.50	1.60	0.44	20	27	40	68	32	64
M24	603024		3.00	2.50	1.04	24	35	52	87.5	40	83
M30	603030		3.50	4.00	1.975	30	44	65	109.5	51	103

* B=Black Color available



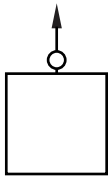
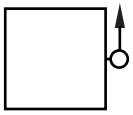
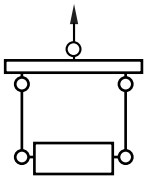
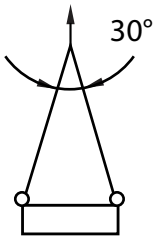
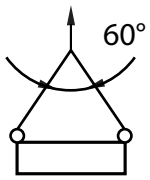
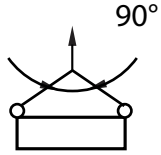
AS 2317 | Certified | Carbon Steel | MBF x6 WLL | Proof loaded x2 WLL

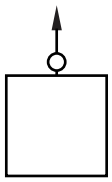
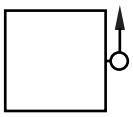
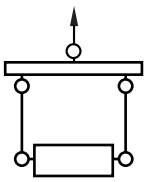
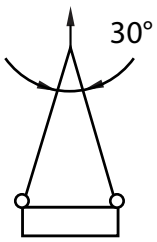
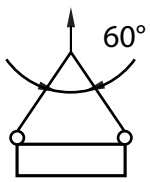
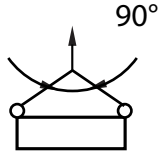
Eye Bolt - AS 2317.1:2018 / BS529 (with Imperial Whitworth Sizing)

BS529 eye bolts are generally used as a removable lifting point where a rated female thread or nut can be utilized, also can be used as a termination for chain, wire rope and other assembles where required.

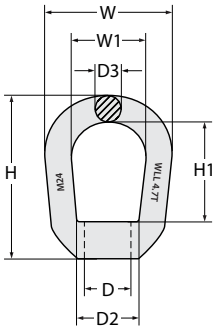
- Made from Grade 4 carbon steel following steel specifications of AS 2017.1:2018 / BS970 with zinc plated finish, manufactured with a smaller eye than DIN type.
- Conforms to AS2317.1:2018, marked with manufacturers identification, axial and transverse working load limit on the collar with direction indication arrows in tonne, thread type, nominal size, and batch numbered.
- Proof tested to 2 x working load limit and minimum breaking force of 6 x working load limit.
- Test certificates are supplied upon request.

CODE	SIZE (in)	PITCH (is)	SWL (T)	Wt. (kg)	DIMENSIONS (mm)					
					D	D1	D2	H	H1	W
604005	3/8"	0.0625	0.3	0.07	10	14	22	35	18	32
604010	1/2"	0.0833	0.5	0.16	12	19	28	45	23	42
604015	5/8"	0.0909	0.9	0.313	16	24	36	59	30	53
604020	3/4"	0.1	1.4	0.525	20	28	44	69	37	62
604025	7/8"	0.125	2.0	0.825	22	33	50	81	42	72
604030	1"	0.1429	2.8	1.25	24	37	58	91	47	82
604035	1 1/4"	0.1429	4.6	2.03	32	48	72	115	62	104

WORKING LOAD LIMIT FOR IMPERIAL AS/BS EYE BOLTS & EYE NUTS (T)						
IMPERIAL	SINGLE EYE BOLT		PAIR OF EYE BOLTS			
	AXIAL	TRANSVERSE	TRANSVERSE	MAXIMUM INCLUDED ANGLE 30°	MAXIMUM INCLUDED ANGLE 60°	MAXIMUM INCLUDED ANGLE 90°
						
LOADING FACTOR	1	0.25	0.5	1.25	0.8	0.5
3/8”	0.3	0.075	0.15	0.375	0.24	0.15
1/2”	0.5	0.125	0.25	0.625	0.4	0.25
5/8”	0.9	0.225	0.45	1.125	0.72	0.45
3/4”	1.4	0.35	0.7	1.75	1.12	0.7
7/8”	2.0	0.5	1.0	2.5	1.6	1.0
1”	2.8	0.7	1.4	3.5	2.24	1.4
1-1/8”	3.6	0.9	1.8	4.5	2.88	1.8
1-1/4”	4.6	1.15	2.3	5.75	3.68	2.3

WORKING LOAD LIMIT FOR METRIC AS/BS EYE BOLTS & EYE NUTS (T)						
METRIC	SINGLE EYE BOLT		PAIR OF EYE BOLTS			
	AXIAL	TRANSVERSE	TRANSVERSE	MAXIMUM INCLUDED ANGLE 30°	MAXIMUM INCLUDED ANGLE 60°	MAXIMUM INCLUDED ANGLE 90°
						
LOADING FACTOR	1	0.25	0.5	1.25	0.8	0.5
M10	0.25	0.06	0.12	0.31	0.2	0.12
M12	0.4	0.1	0.2	0.5	0.32	0.2
M16	0.8	0.2	0.4	1.0	0.64	0.4
M20	1.6	0.4	0.8	2.0	1.28	0.8
M22	2.0	0.5	1.0	2.5	1.6	1.0
M24	2.5	0.62	1.25	3.1	2.0	1.25
M30	4.0	1.0	2.0	5.0	3.2	2.0
M33	5.0	1.25	2.5	6.3	4.0	2.5
M36	6.3	1.57	3.1	7.9	5.0	3.1
M39	7.0	1.75	3.5	8.8	5.6	3.5
M42	8.0	2.0	4.0	10.0	6.4	4.0
M48	10.0	2.5	5.0	12.6	8.0	5.0
M56	15.0	3.7	7.5	18.9	12.0	7.5

ASME EYE BOW NUT



Eye Bow Nut (M24)

Bow nut in accordance with requirements of ASME B30.26, used as a removable hanging eye nut where a rated male thread or bolt can be utilised commonly used in the mining industry.

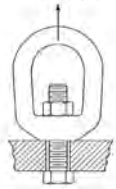
- Made from C15 carbon steel and tempered with zinc plated finish, manufactured with a bow shape, available in metric thread sizes only.
- Marked with working load limit in tonne, nominal size in millimetre, batch numbered and supplier identification.
- Proof tested to 2 x working load limit and minimum breaking force of 5 x working load limit.

ASME B30.26 | Certified | C15 Carbon steel | MBF x6 WLL | Proof loaded x2 WLL

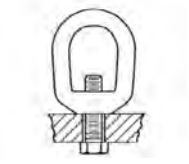
SIZE (mm)	CODE	WLL (T)	Wt. (kg)	DIMENSIONS (mm)						
				D	D2	D3	H	H1	W	W1
M24	602035	4.7	1.18	24	46	21	125	75	98	53

WARNING

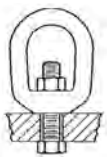
In-line loading only



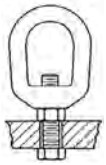
INSTRUCTIONS



Through hole no nut



Through hole top nut



Through hole bottom nut

SWIVEL EYE BOLTS, G80 SERIES

Design

- Low carbon alloy material.
- Large eye size for utilized applications.
- Integrated ball bearing for swiveling under load.
- Marked with WLL, bolt size, batch, and Austlift or AL.

Manufacturing

- Forged.
- Heat treated.
- Powder coated finishing.

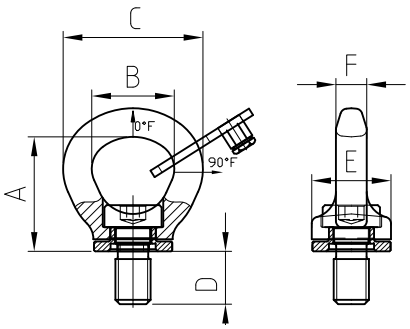
Testing

- Proof tested at 2.5 x WLL with ball bearing installed.
- Destructive tested at 4 x WLL with ball bearing installed.
- All tested at 45 degree angles off axle line.
- Fatigue tested at 1.5 x WLL, minimum 20,000 times, in axle direction.
- Low temperature and cryogenic tested, at -20˚C, minimum 25J.
- Magnetic crack tested on each eyebolt.
- Visual tested after assembled.
- Testing certificates available upon request.

Stubby Eye Bolt

AS/NZS 2317 | Certified | Proof loaded WLL x1.25 | Safety Factor 4-1

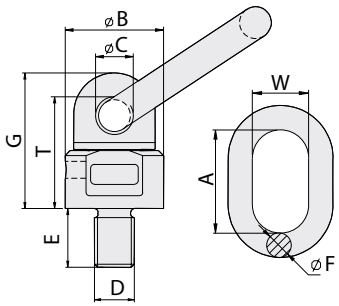
SIZE (mm)	CODE	WLL (T)		Wt. (kg)	DIMENSIONS (mm)					
		0°	90°		A	B	C	D	E	F
M8	605008	0.8	0.3	0.12	38	26	45.3	11.5	25	8
M10	605010	1	0.4	0.15	38	26	45.3	14	25	8
M12	605012	2	0.75	0.2	43.5	32	54	17	33	10
M16	605016	4	1.5	0.29	52	37.5	63.5	24	36	14
M20	605020	6	2.3	0.55	63	44.5	78.5	30	45	17



WARNING

- Swivel ring bolt should be tightened by spanner with torque wrench.
- These ring bolts are not designed for permanent rotating continuously.
- Not suitable for turning under full load at 90˚ in side loading position.

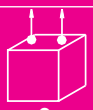
METRIC	WORKING LOAD LIMIT FOR STUBBY EYE BOLT (T)								
LOADING METHOD	1	1	2	2	2		3 or 4		3 or 4
INCLINATION	0°	90°	0°	90°	SYMMETRIC				ASYMMETRIC
					0°-45°	45°-60°	0°-45°	45°-60°	
LOAD FACTOR	2.6	1.0	5.2	2.0	1.4	1.0	2.1	1.5	1.0
M8	0.8	0.3	1.6	0.6	0.42	0.3	0.63	0.45	0.3
M10	1.0	0.4	2	0.8	0.56	0.4	0.84	0.6	0.4
M12	2.0	0.75	4	1.5	1.0	0.75	1.58	1.1	0.75
M16	4.0	1.5	8.0	3.0	2.1	1.5	3.15	2.2	1.5
M20	6.0	2.3	12.0	4.6	3.2	2.3	4.83	3.4	2.3



Oblong Eye Bolt

AS/NZS 2317 | EN 818-4 | Proof loaded WLL. x1.25 | Safety Factor 4-1

SIZE (mm)	CODE	WLL (T)		Wt. (kg)	DIMENSIONS (mm)							
		0°	90°		A	B	C	E	F	G	W	T
8	605108	0.6	0.3	0.41	55	36	15	13	13	51	30	41
10	605110	0.9	0.45	0.43	55	36	15	18	13	51	30	41
12	605112	1.0	0.5	0.44	55	36	15	18	13	51	30	41
16	605116	2.0	1.12	0.46	55	36	15	20	13	52	30	42
20	605120	4.0	2.0	0.96	70	49.5	19	30	16	68	35	56
24	605124	6.3	3.15	1.45	85	57	22	30	18	78	40	65.5
30	605130	10.6	5.3	2.17	85	66	23.5	35	20	96.5	40	80.5
36	605136	11.8	8.0	3.6	115	80	27	50	22	109	50	89.5

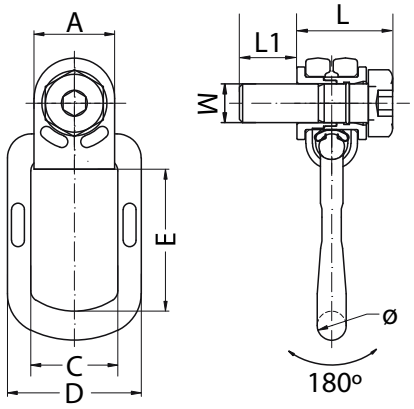
METRIC	WORKING LOAD LIMIT FOR OBLONG EYE BOLT (T)								
LOADING METHOD	1	1	 2	2	2		3 or 4		3 or 4
INCLINATION	0°	90°	0°	90°	SYMMETRIC				ASYMMETRIC
					0°-45°	45°-60°	0°-45°	45°-60°	
LOAD FACTOR	2.0	1.0	4.0	2.0	1.4	1.0	2.1	1.5	1.0
M8	0.6	0.3	1.2	0.6	0.42	0.3	0.63	0.45	0.3
M10	1.0	0.5	2.0	1.0	0.7	0.5	1.05	0.75	0.5
M12	1.0	0.5	2.0	1.0	0.7	0.5	1.05	0.75	0.5
M16	2.24	1.12	4.48	2.24	1.57	1.12	2.35	1.68	1.12
M20	4.0	2.0	8.0	4.0	2.8	2.0	4.2	3.0	2.0
M24	6.3	3.15	12.6	6.3	4.41	3.15	6.62	4.73	3.15
M30	10.6	5.3	21.2	10.6	7.42	5.3	11.13	7.95	5.3
LOAD FACTOR	1.6	1.0	3.2	2.0	1.4	1.0	2.1	1.5	1.0
M36	12.8	8.0	25.6	16.0	11.2	8.0	16.8	12.0	8.0

Mega Eye Bolt

AS/NZS 2317 | EN 818-4 | Certified | Proof loaded WLL. x1.25 | Safety Factor 4-1

SHORT THREAD											
SIZE (mm)	CODE	WLL (T)	Wt. (kg)	DIMENSIONS (mm)							
				Ø	A	C	D	E	M	L1	L
M8	605208	0.3	0.36	14	30	35	55	52.5	8	10.4	35.6
M10	605210	0.63	0.38	14	30	35	55	52.5	10	16	36
M12	605212	1	0.71	18	36	40	68	54	12	18	44
M14	605214	1.22	0.72	18	36	40	68	54	14	21	45
M16	605216	1.5	0.74	18	36	40	68	54	16	24	46
M18	605218	2	1.16	16	50	54	83	80	18	26	57
M20	605220	2.5	1.21	16	50	54	83	80	20	30	58
M24	605224	4	1.37	18	50	54	83	94	24	35	60
M27	605227	4	4.18	27	68	73	119	106	27	38	82
M30	605230	5	4.40	27	68	73	119	106	30	48	84

LONG THREAD											
SIZE (mm)	CODE	WLL (T)	Wt. (kg)	DIMENSIONS (mm)							
				Ø	A	C	D	E	M	L1	L
M8	605508	0.3	0.39	14	30	35	55	52.5	8	76	35.6
M10	605510	0.63	0.43	14	30	35	55	52.5	10	96	36
M12	605512	1	0.8	18	36	40	68	54	12	114	44
M14	605514	1.22	0.86	18	36	40	68	54	14	140	45
M16	605516	1.5	0.92	18	36	40	68	54	16	194	46
M18	605518	2	1.47	16	50	54	83	80	18	180	57
M20	605520	2.5	1.49	16	50	54	83	80	20	187	58
M24	605524	4	1.89	18	50	54	83	94	24	222	60
M27	605527	4	5.22	27	68	73	119	106	27	270	82
M30	605530	5	5.35	27	68	73	119	106	30	279	84



NOTES:

- Long thread eye bolts can be cut to suit jobs.
- When cutting the bolts, a **cold cutting** method must be used.
- **DO NOT use Oxy-Acetylene Cutting.**
- The length after cutting must not be less than 1.5 times that of its diameter.

METRIC	WORKING LOAD LIMIT FOR MEGA EYE BOLT (T)								
LOADING METHOD	1	1	2	2	2		3 or 4		3 or 4
INCLINATION	0°	90°	0°	90°	SYMMETRIC				ASYMMETRIC
					0°-45°	45°-60°	0°-45°	45°-60°	
LOAD FACTOR	1.0	1.0	2.0	2.0	1.4	1.0	2.1	1.5	1.0
M8	0.3	0.3	0.6	0.6	0.42	0.3	0.63	0.45	0.3
M10	0.63	0.63	1.26	1.26	0.88	0.63	1.32	0.95	0.63
M12	1.0	1.0	2.0	2.0	1.4	1.0	2.1	1.5	1.0
M14	1.2	1.2	2.4	2.4	1.68	1.2	2.52	1.8	1.2
M16	1.5	1.5	3.0	3.0	2.1	1.5	3.15	2.25	1.5
M18	2.0	2.0	4.0	4.0	2.8	2.0	4.2	3.0	2.0
M20	2.5	2.5	5.0	5.0	3.5	2.5	5.25	3.75	2.5
M24	4.0	4.0	8.0	8.0	5.6	4.0	8.4	6.0	4.0
M27	4.0	4.0	8.0	8.0	5.6	4.0	8.4	6.0	4.0
M30	5.0	5.0	10.0	10.0	7.0	5.0	10.5	7.5	5.0