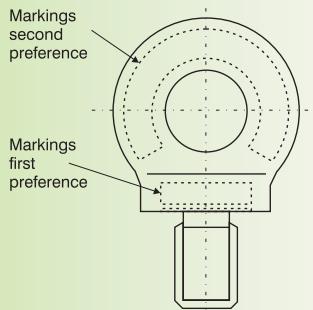


BEAVER LIFTING EYEBOLTS



BEAVER LIFTING EYEBOLTS AND EYENUTS

Beaver Lifting Eyebolts and Eyenuts come in a range of threads including BSW, UNC and Metric and are predominately used for lifting applications. Eyebolts and Eyenuts both carry the markings as depicted in image below.

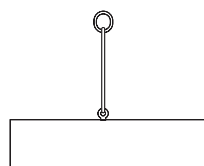
It is recommended that all Eyebolts used for lifting be of forged steel and be equipped with shoulders or collars. The plain or shoulderless eyebolt is fine for vertical loading but as soon as it is loaded at an angle it is subjected to bending and the load it can safely carry is reduced.

BEAVER LIFTING EYEBOLTS AND EYENUTS

VERTICAL LIFT ONLY
PLAIN EYEBOLT IS ACCEPTABLE



PLAIN EYEBOLT

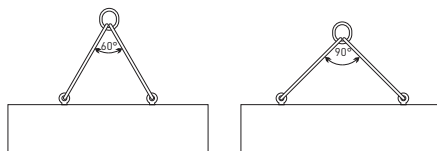


PLAIN OR COLLAR EYEBOLT

ANGULAR LIFTS
COLLARED EYEBOLT ONLY



COLLARED EYEBOLT



COLLAR EYEBOLT ONLY

The Australian Standard covering collared Eyebolts is AS 2317
The section on "Care and Use of Eyebolts" is taken from that standard.
NB: Only use rated Eyebolts for lifting.

WLL for an M3 load application as specified by AS 1418.1

	1	2	3	4	5	6	7
	Single eyebolt or eyenut		Pair of eyebolt or eyenuts (see Notes 1 and 4)				
Nominal thread size (see Notes 2 and 3)	Tranverse t	Axial t	Tranverse t	Maximum Included angle 30° t	Maximum Included angle 60° t	Maximum Included angle 90° t	
Loading Factor	0.25	1	0.5	1.25	0.80	0.5	
M10	0.06	0.25	0.12	0.31	0.20	0.12	
M12	0.10	0.40	0.20	0.50	0.32	0.20	
M16	0.20	0.80	0.40	1.00	0.64	0.40	
M20	0.40	1.60	0.80	2.0	1.28	0.80	
M22	0.50	2.0	1.00	2.5	1.60	1.00	
M24	0.62	2.5	1.25	3.1	2.0	1.25	
M30	1.00	4.0	2.0	5.0	3.2	2.0	
M33	1.25	5.0	2.5	6.3	4.0	2.5	
M36	1.57	6.3	3.1	7.9	5.0	3.1	
M39	1.75	7.0	3.5	8.8	5.6	3.5	
M42	2.0	8.0	4.0	10.0	6.4	4.0	
M48	2.5	10.0	5.0	12.6	8.0	5.0	
M56	3.7	15.0	7.5	18.9	12.0	7.5	
M64	5.0	20.0	10.0	25	16.0	10.0	
M72	6.2	25.0	12.5	31	20	12.5	
M76	7.5	30.0	15.0	37	24	15.0	