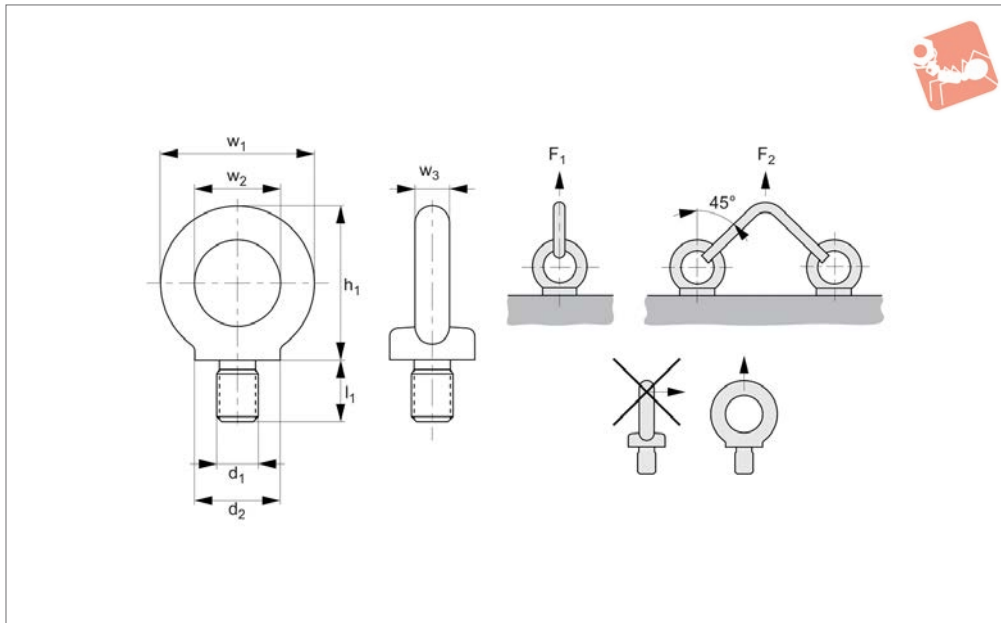




# Steel Male Lifting Eye Bolts

metric sizes

## Lifting Eye Bolts & Nuts



**18863**

LIFTING EYE BOLTS & NUTS

### Material

Forged steel (C15E) annealed and zinc plated. Contact face machined. CE marked.

### Technical Notes

To DIN 580.  
When using lifting eye bolts it is critical to ensure that the face is in firm contact with the mating surface.  
These lifting bolts are generally installed and remain on a piece of equipment for the

purpose of transporting them. They are not for repeated lifting use - if this is required our swivelling lifting bolt range should be used.

### Tips

Maximum load values are only applicable when the thread is fully screwed in, and the material it is being used in is as least as strong as the that of the bolt.  
Temperature range -20°C to +200°C.

$F_1$  and  $F_2$  values given are for steel and cast iron components.

### Important Notes

Not to be used at lift angles of greater than 45° or with swivelling loads.

**Please refer to the safety documentation before using this part.**

**Supplied with certificate and operating instructions.**

Order No.	Thread	d <sub>1</sub>	d <sub>2</sub>	w <sub>1</sub>	l <sub>1</sub>	h <sub>1</sub>	w <sub>2</sub>	w <sub>3</sub>	F <sub>1</sub> kg max.	F <sub>2</sub> kg max.	Weight kg
18863.W0006	Coarse	M 6	20	36	13.0	36	20	8	70	50	0.05
18863.W0008	Coarse	M 8	20	36	13.0	36	20	8	140	95	0.06
18863.W0010	Coarse	M10	25	45	17.0	45	25	10	230	170	0.11
18863.W0012	Coarse	M12	30	54	20.5	53	30	12	340	240	0.18
18863.W0016	Coarse	M16	35	63	27.0	62	35	14	700	500	0.28
18863.W0020	Coarse	M20	40	72	30.0	71	40	16	1200	830	0.45
18863.W0024	Coarse	M24	50	90	36.0	90	50	20	1800	1270	0.74
18863.W0030	Coarse	M30	65	108	45.0	109	60	24	3200	2300	1.66
18863.W0036	Coarse	M36	75	126	54.0	128	70	28	4600	3300	2.65
18863.W0042	Coarse	M42	85	144	63.0	147	80	32	6300	4500	4.03
18863.W0048	Coarse	M48	100	166	68.0	168	90	38	8600	6100	6.38
18863.W0056	Coarse	M56	110	184	78.0	187	100	42	11500	8200	8.80
18863.W5012	Fine	M12 x 1,5	30	54	20.5	53	30	12	340	240	0.18
18863.W5016	Fine	M16 x 1,5	35	63	27.0	62	35	14	700	500	0.28
18863.W5020	Fine	M20 x 2,0	40	72	30.0	71	40	16	1200	830	0.45
18863.W5024	Fine	M24 x 2,0	50	90	36.0	90	50	20	1800	1270	0.74
18863.W5030	Fine	M30 x 2,0	65	108	45.0	109	60	24	3600	2600	1.66
18863.W5036	Fine	M36 x 3,0	75	126	54.0	128	70	28	5100	3700	2.58
18863.W5042	Fine	M42 x 3,0	85	144	63.0	147	80	32	7000	5000	3.95
18863.W5048	Fine	M48 x 3,0	100	166	68.0	168	90	38	8600	6100	6.38
18863.W5056	Fine	M56 x 4,0	110	184	78.0	187	100	42	11500	8300	8.48