



PRODUCT DATA

Lifting Eye Bolt - DIN 580

Eye bolt approved and certified for lifting.
 Can be used in axial or angular loading.

Applications	
•	Connection point for anchoring, rigging, pulling, lifting or hoisting.
•	Can be used with ropes, cables, shackles and hooks.
•	Threaded onto steel equipment, machine and structures.
•	Bolted through steel or timber profiles and secured with a nut.

Material	Grade C15E
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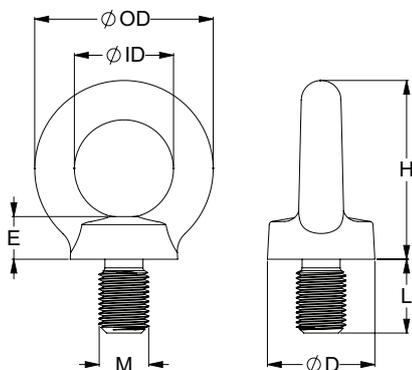
Finish	Zinc Yellow Passivate
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Features

- Approved for lifting.
- Stamped with working load for axial loading.

Part	QFind	Size	Length	Height	Inside Eye Diameter	Outside Eye Diameter	Collar Diameter	Collar Height
		M	L (mm)	H (mm)	Ø ID (mm)	Ø OD (mm)	Ø D (mm)	E (mm)
ULEBC5YD5M06	EBCYM6	M6	13.0	36	20	36	20	6
ULEBC5YD5M08	EBCYM8	M8	13.0	36	20	36	20	6
ULEBC5YD5M10	EBCYM10	M10	17.0	45	25	45	25	8
ULEBC5YD5M12	EBCYM12	M12	20.5	53	30	54	30	10
ULEBC5YD5M16	EBCYM16	M16	27.0	62	35	63	35	12
ULEBC5YD5M20	EBCYM20	M20	30.0	71	40	72	40	14
ULEBC5YD5M24	EBCYM24	M24	36.0	90	50	90	50	18



MARKINGS:

- CE (European Conformity)
- WLL (Working Load Limit)

You can download this Test Certificate and/or Report from our website:
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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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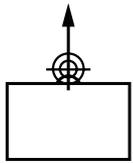
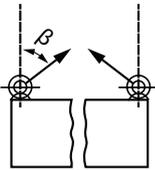
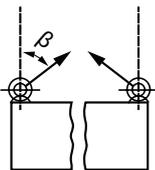
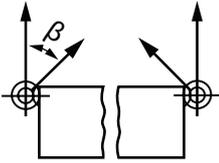
Lifting Eye Bolt - DIN 580

Minimum Ultimate Tensile Loads

Thread size, D_1	M6	M8	M10	M12	M16	M20	M24
Minimum ultimate tensile load (axial)	4.4	8.2	13.5	20.0	41.2	70.6	106.0
Minimum ultimate tensile load (transverse, at 90°)	2.2	4.1	6.8	10.0	20.6	35.3	53.0

Minimum ultimate tensile loads in kN

Load-bearing capacity depending on direction of loading

Thread size, d_1		M6	M8	M10	M12	M16	M20	M24
Load-bearing capacity, axial (WLL) per eye bolt		75	140	230	340	700	1200	1800
Load-bearing capacity per eye bolt $0^\circ < \beta \leq 45^\circ$		55	100	170	240	500	860	1290
Load-bearing capacity per eye bolt $\beta > 45^\circ$ to 60°		38	70	115	170	350	600	900
Load-bearing capacity per eye bolt, with bolt fitted at sides of load $0^\circ \leq \beta \leq 45^\circ$								

Load-bearing capacity in kilogram

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