PRODUCT DATA

HOBSON ENGINEERING

Lifting Eye Bolt - DIN 580

Eye bolt approved and certified for lifting.

Can be used in axial ↕ or angular ⌐→ loading.

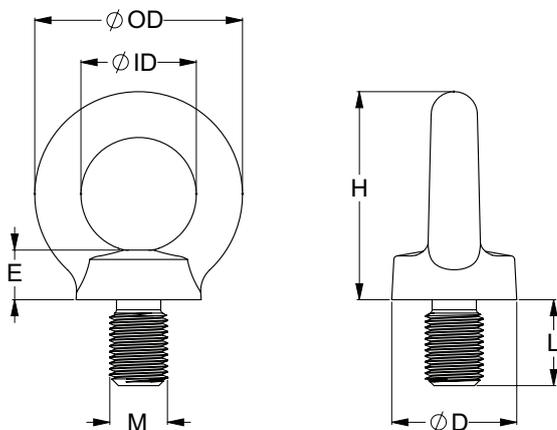| Applications |
|---|
| • Connection point for anchoring, rigging, pulling, lifting or hoisting.
• Can be used with ropes, cables, shackles and hooks.
• Threaded onto steel equipment, machine and structures.
• Bolted through steel or timber profiles and secured with a nut. |

Material	**C15E**	Grade C15E
Finish	**ZYP**	Zinc Yellow Passivate

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	Pack Qty
		M	L (mm)	H (mm)	Ø ID (mm)	Ø OD (mm)	Ø D (mm)	E (mm)	
ULEBC5YD5M08	**EBCYM8**	M8	13.0	36	20	36	20	6	100
ULEBC5YD5M10	**EBCYM10**	M10	17.0	45	25	45	25	8	50
ULEBC5YD5M12	**EBCYM12**	M12	20.5	53	30	54	30	10	50
ULEBC5YD5M16	**EBCYM16**	M16	27.0	62	35	63	35	12	25
ULEBC5YD5M20	**EBCYM20**	M20	30.0	71	40	72	40	14	10
ULEBC5YD5M24	**EBCYM24**	M24	36.0	90	50	90	50	18	5

DOWNLOAD:
These products have a Test Certificate Online

ONLINE

MARKINGS:
Working load.

Disclaimer: While every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees, disclaim any and all liability to any person in respect of anything or the consequences of anything done or omitted to be done in reliance upon the whole or any part of this document.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au **QUALITY FASTENERS** SINCE 1935

HOBSON ENGINEERING

210129DS

PRODUCT DATA

HOBSON ENGINEERING

Lifting Eye Bolt - DIN 580

Minimum Ultimate Tensile Loads

Thread size, d_1	M8	M10	M12	M16	M20	M24
Minimum ultimate tensile load (axial)	8.2	13.5	20.0	41.2	70.6	106
Minimum ultimate tensile load (transverse, at 90°)	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		M8	M10	M12	M16	M20	M24
Load-bearing capacity, axial (WLL) per eye bolt		140	230	340	700	1200	1800
Load-bearing capacity per eye bolt $0° < \beta \leq 45°$		100	170	240	500	860	1290
Load-bearing capacity per eye bolt $\beta > 45°$ to $60°$		70	115	170	350	600	900
Load-bearing capacity per eye bolt, with bolt fitted at sides of load $0° \leq \beta \leq 45°$							

Load-bearing capacity in kilogram

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

hobson.com.au   **QUALITY FASTENERS** SINCE 1935

210129DS