WASI

LIFTING EYE BOLTS, FORGED



DATASHEET
DIN 580

IHRE VERBINDUNG ZUM ERFOLG
YOUR ACCESS TO SUCCESS

DIN 580
TECHNICAL SPECIFICATIONS

Lifting eye bolts often also called **ring bolts** are stable **ring-shaped fasteners** with a **fixed threaded part**. Due to the ring shape, various fastening constructions can be flexibly connected or hung in position and used in various combinations. The areas of application range from **railing & fence construction**, **gardening and landscaping** through to **hangings, bracings** and **tensioning work of all kinds**. In addition, **forged lifting eye bolts** are **suitable** for use as **lifting equipment in hoist operations**.

Material	Stainless Steel
Norm	**DIN 580**
Material class	A4 - AISI 316 A2 - AISI 304
Surface	Blank – electro polished
Manufacturing method	forging
Marking	Material, Nominal size CE, WLL
others	for use in Hoist operations, CE approved

PRACTICES

- FOR FIXING ELEMENTS OF ALL KINDS
- LIFTING AND SLINGING EQUIPMENT IN THE HOIST OPERATION
- BALUSTRADES, GARDENING AND LANDSCAPING, VARIOUS TYPES OF HANGING AND BARRIERS

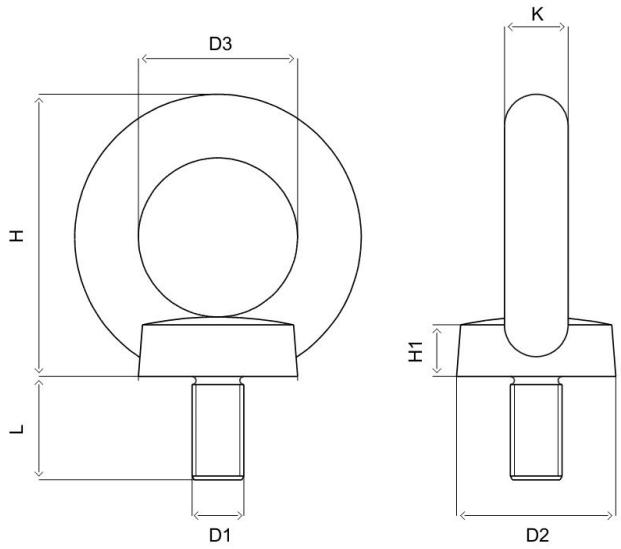
WE'LL BE PLEASED TO ADVISE FOR YOUR APPLICATION.

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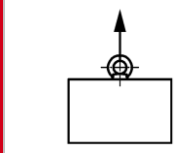
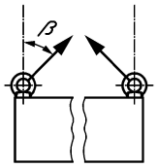
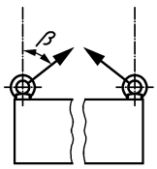
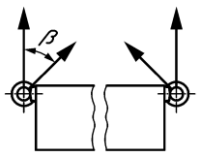
DIMENSIONS (MM)



D1 nominal	L mm	D2 mm	D3 mm	H mm	H1 mm	K mm	BL Kg / min
M6	13	20	20	36	6	8	450
M8	13	20	20	36	6	8	835
M10	17	25	25	45	8	10	1.375
M12	20,5	30	30	53	10	12	2.000
M16	27	35	35	62	12	14	4.200
M20	30	40	40	71	14	16	7.200
M24	36	50	50	90	18	20	10.800

- BL = Breaking Load

LIFTING CAPACITY

Working load limit - WLL per eye bolt / kg		M6	M8	M10	M12	M16	M20	M24
axial		75	140	230	340	700	1.200	1.800
0°< β ≤ 45°		55	100	170	240	500	860	1.290
β > 45° - 60°		38	70	115	170	350	600	900
Bolts fitted at sides of load β > 45° - 60°		38	70	115	170	350	600	900

- Load capacity in dependence of load direction