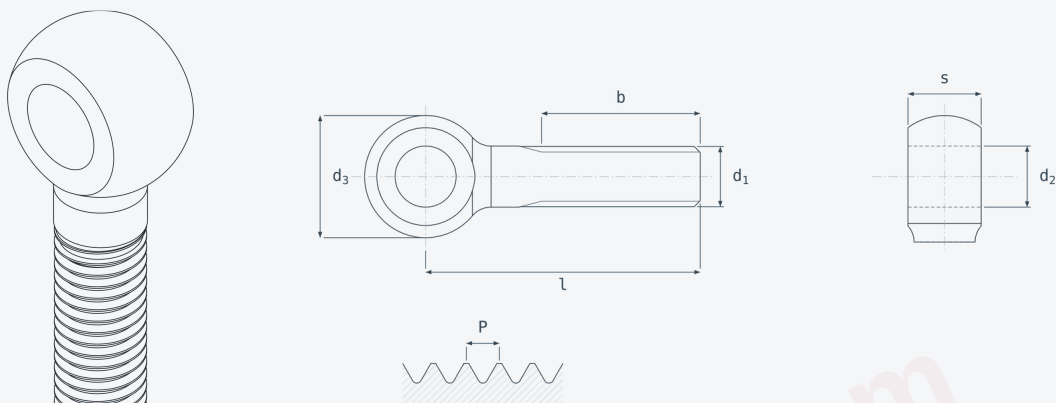


DIN 444 Swing Bolt


STANDARD

DIN 444 Swing bolts

THREAD

ISO metric coarse pitch

SIZES

M5 - M30 · lengths 50 – 160 mm

MATERIAL

Carbon Steel, Stainless Steel

PROPERTY CLASS

4.6 (ISO 898-1) · A2-70 (ISO 3506-1)

SURFACE

Zinc Plated, Hot Dip Galvanized, Plain, Passivated

Dimensions follow the standard named on this sheet. Material properties and batch test results come with the order's certificate or test report.

BASIS OF SPECIFICATION
DIMENSIONS

DIN 444:2017-04

CARBON STEEL / ALLOY STEEL

DIN EN ISO 898-1

STAINLESS STEEL

ISO 3506-1:2020

THREAD LENGTH

to be agreed

MINIMUM USABLE THREAD LENGTH

to be agreed

PRODUCT GRADE

to be agreed

DIMENSIONS

mm · DIN 444

d	P	b l ≤ 125	b 125 < l ≤ 200	b l > 200	d2	d3	s
M5	0.8	16	—	—	5	12	6
M6	1	18	—	—	6	14	7
M8	1.25	22	28	—	8	18	9
M10	1.5	26	32	—	10	20	12
M12	1.75	30	36	49	12	25	14
M16	2	38	44	57	16	32	17
M20	2.5	46	52	65	18	40	22
M24	3	54	60	73	22	45	25
M27	3	60	66	79	25	50	27
M30	3.5	66	72	85	28	55	30

P thread pitch b thread length d2 eye inside diameter d3 eye outside diameter s eye thickness

MECHANICAL PROPERTIES

ISO 898-1

Class	Rm min.	Yield requirement	Elongation requirement	Hardness
4.6	400 MPa	ReL min. 240 MPa	A min. 22 %	120 - 220 HV

MECHANICAL PROPERTIES

ISO 3506-1

Class	Rm min.	Yield requirement	Elongation requirement	Hardness
A2-70	700 MPa	Rp0.2 min. 450 MPa	0,4d mm	—

MARKING

Steel (no marking clause): None. Table 3 of the standard prints Ohne (none) in the Kennzeichnung row. Sizes: . Clause: DIN 444:2017-04, Table 3, row Kennzeichnung.

This is positive negative evidence - the standard prints none in the marking row - which is firmer than a search that found nothing, and it means the referenced standards need not be chased.

How the ordering designation is written is a separate matter, governed by DIN 962; that is notation, not marking.

DOCUMENTS

EN 10204 3.1 material certificate, dimensional inspection report and mechanical test report, on request.