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Swing Bolts • DIN 444, form B
EH 22980.



Product Description

Swing bolts similar to DIN 444 however, steel design with higher quality 8.8. The stainless steel A2-50 design has a tensile strength of min. 500 N/mm^2.

Material

- Heat-treated steel, tempered, quality 8.8, black
- Stainless steel 1.4301

More information

Notes

Customized design on request.

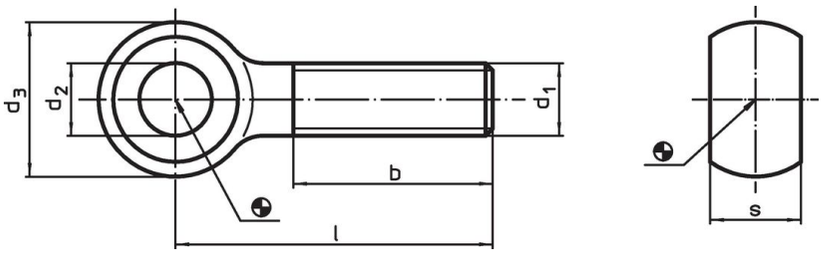
References

For torques please refer to appendix - Technical Data -

Further products

- Swing Bolts, DIN 444, form B, quality 8.8 high precision design

Drawing



Order information

d_1	l	Dimensions d_2 H9	d_3	b	s	[g]	Art. No.
		[mm]					
Heat-treated steel							
M 5	**25**	5	12	16	6	5.6	22980.0202
M 5	**30**	5	12	16	6	6.4	22980.0203
M 5	**35**	5	12	16	6	7.1	22980.0204
M 5	**40**	5	12	16	6	7.9	22980.0205
M 6	**30**	6	14	18	7	9.5	22980.0212
M 6	**40**	6	14	18	7	12.0	22980.0214
M 6	**50**	6	14	18	7	14.0	22980.0216
M 6	**60**	6	14	18	7	16.0	22980.0218
M 6	**80**	6	14	18	7	20.0	22980.0222
M 8	**40**	8	18	22	9	22.0	22980.0232
M 8	**50**	8	18	22	9	26.0	22980.0234
M 8	**60**	8	18	22	9	30.0	22980.0236
M 8	**80**	8	18	22	9	37.0	22980.0240
M 8	**100**	8	18	22	9	44.0	22980.0244
M10	**50**	10	20	26	12	40.0	22980.0252
M10	**60**	10	20	26	12	43.0	22980.0254
M10	**75**	10	20	26	12	51.0	22980.0257
M10	**100**	10	20	26	12	67.0	22980.0262
M10	**120**	10	20	26	12	72.0	22980.0266
M12	**50**	12	25	30	14	62.0	22980.0272
M12	**60**	12	25	30	14	68.0	22980.0274
M12	**80**	12	25	30	14	85.0	22980.0278
M12	**100**	12	25	30	14	102.0	22980.0282
M12	**120**	12	25	30	14	119.0	22980.0286
M16	**60**	16	32	38	17	128.0	22980.0292
M16	**80**	16	32	38	17	159.0	22980.0294

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Dimensions							Art. No.
d_1	l	d_2 H9	d_3	b	s		
		[mm]				[g]	
M16	**100**	16	32	38	17	190.0	22980.0298
M16	**120**	16	32	38	17	220.0	22980.0302
M16	**150**	16	32	44	17	265.0	22980.0308
M20	**100**	18	40	46	22	323.0	22980.0312
M20	**120**	18	40	46	22	371.0	22980.0316
M20	**160**	18	40	52	22	466.0	22980.0324
M20	**200**	18	40	52	22	562.0	22980.0332
M24	**100**	22	45	54	25	443.0	22980.0342
M24	**120**	22	45	54	25	512.0	22980.0346
M24	**160**	22	45	60	25	649.0	22980.0354
M24	**200**	22	45	60	25	787.0	22980.0362
Stainless steel							
M 5	**25**	5	12	16	6	5.7	22980.0402
M 5	**30**	5	12	16	6	6.4	22980.0403
M 5	**35**	5	12	16	6	7.1	22980.0404
M 5	**40**	5	12	16	6	7.8	22980.0405
M 6	**30**	6	14	18	7	9.6	22980.0412
M 6	**40**	6	14	18	7	12.0	22980.0414
M 6	**50**	6	14	18	7	14.0	22980.0416
M 6	**60**	6	14	18	7	16.0	22980.0418
M 6	**80**	6	14	18	7	20.0	22980.0422
M 8	**40**	8	18	22	9	22.0	22980.0432
M 8	**50**	8	18	22	9	26.0	22980.0434
M 8	**60**	8	18	22	9	30.0	22980.0436
M 8	**80**	8	18	22	9	41.0	22980.0440
M 8	**100**	8	18	22	9	45.0	22980.0444
M10	**50**	10	20	26	12	38.0	22980.0452
M10	**60**	10	20	26	12	44.0	22980.0454
M10	**75**	10	20	26	12	53.0	22980.0457
M10	**100**	10	20	26	12	68.0	22980.0462
M10	**120**	10	20	26	12	81.0	22980.0466
M12	**50**	12	25	30	14	60.0	22980.0472
M12	**60**	12	25	30	14	68.0	22980.0474
M12	**80**	12	25	30	14	86.0	22980.0478
M12	**100**	12	25	30	14	103.0	22980.0482
M12	**120**	12	25	30	14	122.0	22980.0486
M16	**60**	16	32	38	17	129.0	22980.0492
M16	**80**	16	32	38	17	162.0	22980.0494
M16	**100**	16	32	38	17	195.0	22980.0498
M16	**120**	16	32	38	17	226.0	22980.0502
M16	**150**	16	32	44	17	272.0	22980.0508
M20	**100**	18	40	46	22	331.0	22980.0512
M20	**120**	18	40	46	22	379.0	22980.0516
M20	**160**	18	40	52	22	474.0	22980.0524
M20	**200**	18	40	52	22	574.0	22980.0532
M24	**100**	22	45	54	25	457.0	22980.0542
M24	**120**	22	45	54	25	529.0	22980.0546
M24	**160**	22	45	60	25	667.0	22980.0554
M24	**200**	22	45	60	25	809.0	22980.0562

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Compliance

RoHS-compliant
Compliant with Directive 2011/65/EU [RoHS].

Does not contain SVHC substances
No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 04.02.2026.

SCIP-code
N/A

Does not contain Proposition 65 substances
No Proposition 65 substances included.
https://www.P65Warnings.ca.gov/

Free from Conflict Minerals
This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.