

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/mm².

Material

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

More information

Notes

Special types on request.

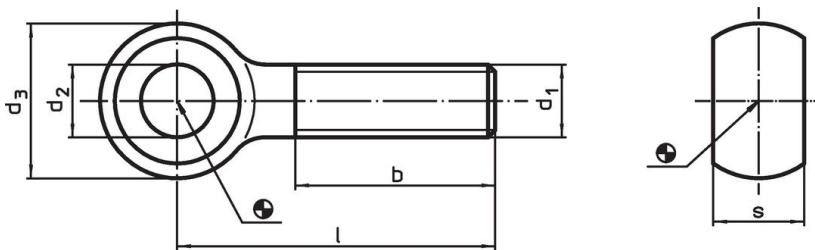
References

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 [mm]	d ₃	b	s	 [g]	Art. No.
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	11.0	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	59.0	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

d ₁	l	Dimensions				s		Art. No.
		d ₂ H9 [mm]	d ₃	b	[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	373.0	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	5.6	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	7.9	22980.0405	
M 6	30	6	14	18	7	9.5	22980.0412	
M 6	40	6	14	18	7	11.0	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	37.0	22980.0440	
M 8	100	8	18	22	9	44.0	22980.0444	
M10	50	10	20	26	12	40.0	22980.0452	
M10	60	10	20	26	12	43.0	22980.0454	
M10	75	10	20	26	12	51.0	22980.0457	
M10	100	10	20	26	12	67.0	22980.0462	
M10	120	10	20	26	12	72.0	22980.0466	
M12	50	12	25	30	14	59.0	22980.0472	
M12	60	12	25	30	14	68.0	22980.0474	
M12	80	12	25	30	14	85.0	22980.0478	
M12	100	12	25	30	14	102.0	22980.0482	
M12	120	12	25	30	14	119.0	22980.0486	
M16	60	16	32	38	17	128.0	22980.0492	
M16	80	16	32	38	17	159.0	22980.0494	
M16	100	16	32	38	17	190.0	22980.0498	
M16	120	16	32	38	17	220.0	22980.0502	
M16	150	16	32	44	17	265.0	22980.0508	
M20	100	18	40	46	22	323.0	22980.0512	
M20	120	18	40	46	22	373.0	22980.0516	
M20	160	18	40	52	22	466.0	22980.0524	
M20	200	18	40	52	22	562.0	22980.0532	
M24	100	22	45	54	25	443.0	22980.0542	
M24	120	22	45	54	25	512.0	22980.0546	
M24	160	22	45	60	25	649.0	22980.0554	
M24	200	22	45	60	25	787.0	22980.0562	

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

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.