

STANDARD EXECUTIONS

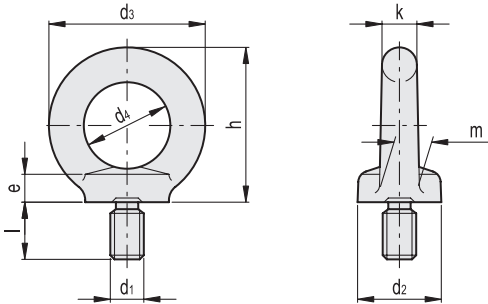
- **DIN 580-ST**: zinc-plated steel, blue passivated
- **DIN 580-NI**: AISI 304 stainless steel

FEATURES AND APPLICATIONS

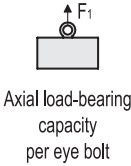
The use of DIN 580 lifting eye bolts must take place under the following conditions:

- the length of the thread of the assembly hole must be equal to the length of the thread of the pin of the eyebolt;
- the pin of the eyebolt must be fully screwed up to the stop on the mounting surface;
- the material of the mounting surface must have the same mechanical features of the eyebolt;
- do not exceed the maximum load values indicated in the table.

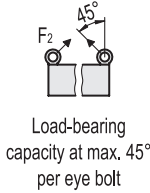
Further technical information available in "Operating instructions".



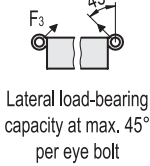
Conversion Table	
1 mm = 0.039 inch	
d3	
mm	inch
36	1.40
45	1.76
54	2.11
63	2.46
72	2.81
90	3.51
108	4.21
126	4.91



Axial load-bearing capacity per eye bolt



Load-bearing capacity at max. 45° per eye bolt



Lateral load-bearing capacity at max. 45° per eye bolt



Do not use under shear tension

DIN 580-ST

Code	Description	d1	d2	d3	d4	h	m	l	k	e	F1 max. [N]	F2 max. [N]	F3 max. [N]	⚖
GN.21393	DIN 580-M6-ST	M 6	20	36	20	36	10	13	8	6	750	550	380	50
GN.21403	DIN 580-M8-ST	M 8	20	36	20	36	10	13	8	6	1400	1000	700	85
GN.21413	DIN 580-M10-ST	M 10	25	45	25	45	12	17	10	8	2300	1700	1150	125
GN.21423	DIN 580-M12-ST	M 12	30	54	30	53	14	20.5	12	10	3400	2400	1700	188
GN.21433	DIN 580-M16-ST	M 16	35	63	35	62	16	27	14	12	7000	5000	3500	309
GN.21443	DIN 580-M20-ST	M 20	40	72	40	71	19	30	16	14	12000	8600	6000	455
GN.21453	DIN 580-M24-ST	M 24	50	90	50	90	24	36	20	18	18000	12900	9000	918
GN.21463	DIN 580-M30-ST	M 30	65	108	60	109	28	45	24	22	32000	23000	16000	1660
GN.21473	DIN 580-M36-ST	M 36	75	126	70	128	32	54	28	26	46000	33000	23000	2650

DIN 580-NI

Code	Description	d1	d2	d3	d4	h	m	l	k	e	F1 max. [N]	F2 max. [N]	F3 max. [N]	⚖
GN.21396	DIN 580-M6-NI	M 6	20	36	20	36	10	13	8	6	750	550	380	60
GN.21401	DIN 580-M8-NI	M 8	20	36	20	36	10	13	8	6	1400	1000	700	85
GN.21416	DIN 580-M10-NI	M 10	25	45	25	45	12	17	10	8	2300	1700	1150	125
GN.21426	DIN 580-M12-NI	M 12	30	54	30	53	14	20.5	12	10	3400	2400	1700	188
GN.21436	DIN 580-M16-NI	M 16	35	63	35	62	16	27	14	12	7000	5000	3500	309
GN.21446	DIN 580-M20-NI	M 20	40	72	40	71	19	30	16	14	12000	8600	6000	455
GN.21456	DIN 580-M24-NI	M 24	50	90	50	90	24	36	20	18	18000	12900	9000	918