



## Eye Bolt Green Pin® ALDINI, Stainless Steel

### Product information

The Green Pin® Stainless Steel Lifting Eye DIN580 is a grade 5 stainless steel lifting eye with a shorter length in conformity with the DIN580 standard. The non-corrosive nature of stainless steel makes it the perfect choice for use in industries such as foods, nuclear and sailing. The WLL for lifting points are valid for in-line lifting only, but can be side loaded with reduction of the WLL. The longer thread length of the ALDINI makes a through-hole mounting with a nut and washer on the other side possible. The thread length of the lifting eye should be adapted to the material of the load. The Green Pin® Stainless Steel Lifting Eye DIN580 is available in a range with a working load limit from 0.2 t. up to 3 t.

Certification on request: 2.1, 2.2, 3.1

**Material:** AISI 316L

**Marking:** According to standard, CE-marked

**Temperature range:** -40°C up to +200°C

**Finish:** Polished











**Standard:** DIN 580

**Safety factor:** 5:1

**Grade:** 5

Part code	Code	WLL ton	Thread mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	Weight kg
11.44AL08DINI	GPAL08DINI	0.2	M8	8	20	34	20	13	17	7	0.05
11.44AL10DINI	GPAL10DINI	0.4	M10	10	20	38	22	17	19	8	0.07
11.44AL12DINI	GPAL12DINI	0.6	M12	12	25	47	26	21	23	10	0.13
11.44AL14DINI	GPAL14DINI	0.8	M14	14	30	57	29	27	28	14	0.24
11.44AL16DINI	GPAL16DINI	1	M16	16	36	65	35	27	30	14	0.34
11.44AL18DINI	GPAL18DINI	1.5	M18	18	36	65	35	30	30	14	0.35
11.44AL20DINI	GPAL20DINI	2	M20	20	40	73	39	30	34	16	0.52
11.44AL22DINI	GPAL22DINI	2.5	M22	22	42	82	44	36	38	19	0.71
11.44AL24DINI	GPAL24DINI	3	M24	24	55	95	54	36	40	20	0.98

## Technical data

group	number of leg(s)		1	2	1	2	2		2	3 & 4		3 & 4
												
	load direction		0	0	90°	90	0-45°	45-60°	non-sym-metrical	0-45°	45-60°	non-sym-metrical
	safety factor		1	2	0.5	1	1.4	0.5	0.5	2.1	0.75	0.5
	article	diameter thread (metric)	t	t	t	t	t	t	t	t	t	t
GPAL06I	6	0.12	0.24	0.06	0.12	0.17	0.06	0.06	0.25	0.09	0.06	
GPAL08I / GPAL08DINI	8	0.2	0.40	0.10	0.20	0.28	0.10	0.10	0.42	0.15	0.10	
GPAL10I / GPAL10DINI	10	0.4	0.80	0.20	0.40	0.56	0.20	0.20	0.84	0.30	0.20	
GPAL12I / GPAL12DINI	12	0.6	1.20	0.30	0.60	0.84	0.30	0.30	1.26	0.45	0.30	
GPAL14I / GPAL14DINI	14	0.8	1.60	0.40	0.80	1.12	0.40	0.40	1.68	0.60	0.40	
GPAL16I / GPAL16DINI	16	1	2.00	0.50	1.00	1.40	0.50	0.50	2.10	0.75	0.50	
GPAL18I / GPAL18DINI	18	1.5	3.00	0.75	1.50	2.10	0.75	0.75	3.15	1.13	0.75	
GPAL20I / GPAL20DINI	20	2	4.00	1.00	2.00	2.80	1.00	1.00	4.20	1.50	1.00	
GPAL22I / GPAL22DINI	22	2.5	5.00	1.25	2.50	3.50	1.25	1.25	5.25	1.88	1.25	
GPAL24I / GPAL24DINI	24	3	6.00	1.50	3.00	4.20	1.50	1.50	6.30	2.25	1.50	

# Blueprint

