

Eye Bolt Green Pin® ALDIN



Product information

The Green Pin® Lifting Eye DIN580 is a grade 8 lifting eye with a shorter length in conformity with the DIN580 standard. Our extensive range of alloy steel lifting eyes, incorporates 22 different ISO metric threads as standard. Other special threads such as UNC, are also available.

The WLL for lifting points are valid for in-line lifting only, but can be side loaded with reduction of the WLL. WLL and CE are stamped on the body. The thread length of the lifting eye should be adapted to the material of the load.

The Green Pin® Lifting Eye DIN580 is available in a range with a working load limit from 0.2 t. up to 36 t.

Certification on request: 2.1, 2.2, 3.1, MTCa, MPIb

Material: Quenched and tempered alloy steel.

Marking: According to standard, CE-marked

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

Finish: Painted white

Standard: DIN 580









Safety factor: 5:1

Grade: 8

Part code	Code	WLL ton	Thread mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	Weight kg
11.40GPAL06DIN	GPAL06DIN	0.2	M6	6	20	34	20	13	17	7	0.05
11.40GPAL08DIN	GPAL08DIN	0.4	M8	8	20	34	20	13	17	7	0.05
11.40GPAL10DIN	GPAL10DIN	0.7	M10	10	20	38	22	17	19	8	0.07
11.40GPAL12DIN	GPAL12DIN	1	M12	12	25	47	27	21	23	10	0.13
11.40GPAL14DIN	GPAL14DIN	1.2	M14	14	30	57	30	27	27	14	0.24

11.40GPAL16DIN	GPAL16DIN	1.5	M16	16	36	63	35	27	31	14	0.34
11.40GPAL18DIN	GPAL18DIN	2	M18	18	36	63	35	30	31	14	0.38
11.40GPAL20DIN	GPAL20DIN	2.5	M20	20	40	72	40	30	34	16	0.52
11.40GPAL22DIN	GPAL22DIN	3	M22	22	42	82	45	36	38	19	0.67
11.40GPAL24DIN	GPAL24DIN	4	M24	24	55	95	55	36	40	20	0.99
11.40GPAL27DIN	GPAL27DIN	5	M27	27	55	95	55	45	40	20	1.08
11.40GPAL30DIN	GPAL30DIN	6	M30	30	60	108	60	45	49	24	1.66
11.40GPAL33DIN	GPAL33DIN	7	M33	33	60	108	60	54	49	24	1.74
11.40GPAL36DIN	GPAL36DIN	8	M36	36	65	118	68	54	47	25	2.01
11.40GPAL39DIN	GPAL39DIN	9	M39	39	65	118	68	63	47	25	2.08
11.40GPAL42DIN	GPAL42DIN	10	M42	42	70	142	80	63	61	31	3.37
11.40GPAL45DIN	GPAL45DIN	15	M45	45	70	142	80	68	61	31	3.47
11.40GPAL48DIN	GPAL48DIN	18	M48	48	95	181	97	68	68	42	7.17
11.40GPAL52DIN	GPAL52DIN	20	M52	52	95	181	97	79	68	42	7.25
11.40GPAL56DIN	GPAL56DIN	25	M56	56	95	181	97	78	68	42	7.52
11.40GPAL60DIN	GPAL60DIN	30	M60	60	95	181	97	90	68	42	7.78
11.40GPAL64DIN	GPAL64DIN	36	M64	64	95	181	97	90	68	42	8.12

Technical data

	number of leg(s)	1	2	1	2	2	2	3 & 4	3 & 4
									
						non-		non-	

group	load direction		0	0	90°	90	0-45°	45-60°	sym- metrical	0-45°	45-60°	sym- metrical	
	safety factor		1	2	0.5	1	1.4	0.5	0.5	2.1	0.75	0.5	
	article	diameter thread											
		AL / ALDIN (metric)	ALUNC (inch)	t	t	t	t	t	t	t	t	t	
AL / ALDIN / ALUNC	GPAL06 / GPAL06DIN / GPAL06UNC	6	1/4	0.2	0.4	0.10	0.20	0.28	0.10	0.10	0.42	0.15	0.10
	GPAL08 / GPAL08DIN	8		0.4	0.8	0.20	0.40	0.56	0.20	0.20	0.84	0.30	0.20
	GPAL10 / GPAL10DIN / GPAL10UNC	10	3/8	0.7	1.4	0.35	0.70	0.98	0.35	0.35	1.47	0.53	0.35
	GPAL12 / GPAL12DIN / GPAL12UNC	12	1/2	1	2	0.50	1.00	1.40	0.50	0.50	2.10	0.75	0.50
	GPAL14 / GPAL14DIN	14		1.2	2.4	0.60	1.20	1.68	0.60	0.60	2.52	0.90	0.60
	GPAL16 / GPAL16DIN / GPAL16UNC	16	5/8	1.5	3	0.75	1.50	2.10	0.75	0.75	3.15	1.13	0.75
	GPAL18 / GPAL18DIN	18		2	4	1.00	2.00	2.80	1.00	1.00	4.20	1.50	1.00
	GPAL20 / GPAL20DIN / GPAL20UNC	20	3/4	2.5	5	1.25	2.50	3.50	1.25	1.25	5.25	1.88	1.25
	GPAL22 / GPAL22DIN / GPAL22UNC	22	7/8	3	6	1.50	3.00	4.20	1.50	1.50	6.30	2.25	1.50
	GPAL24 / GPAL24DIN / GPAL24UNC	24	1	4	8	2.00	4.00	5.60	2.00	2.00	8.40	3.00	2.00
	GPAL27 / GPAL27DIN / GPAL27UNC	27	1 1/8	5	10	2.50	5.00	7.00	2.50	2.50	10.50	3.75	2.50
	GPAL30 / GPAL30DIN / GPAL30UNC	30	1 1/4	6	12	3.00	6.00	8.40	3.00	3.00	12.60	4.50	3.00
	GPAL33 / GPAL33DIN	33		7	14	3.50	7.00	9.80	3.50	3.50	14.70	5.25	3.50
	GPAL36 / GPAL36DIN / GPAL36UNC	36	1 1/2	8	16	4.00	8.00	11.20	4.00	4.00	16.80	6.00	4.00
	GPAL39 / GPAL39DIN	39		9	18	4.50	9.00	12.60	4.50	4.50	18.90	6.75	4.50
	GPAL42 / GPAL42DIN / GPAL42UNC	42	1 3/4	10	20	5.00	10.00	14.00	5.00	5.00	21.00	7.50	5.00
	GPAL45 / GPAL45DIN / GPAL45UNC	45	2	15	30	7.50	15.00	21.00	7.50	7.50	31.50	11.25	7.50
	GPAL48 / GPAL48DIN	48		18	36	9.00	18.00	25.20	9.00	9.00	37.80	13.50	9.00
	GPAL52 / GPAL52DIN	52		20	40	10.00	20.00	28.00	10.00	10.00	42.00	15.00	10.00
	GPAL56 / GPAL56DIN / GPAL56UNC	56	2 1/2	25	50	12.50	25.00	35.00	12.50	12.50	52.50	18.75	12.50
GPAL60 / GPAL60DIN	60		30	60	15.00	30.00	42.00	15.00	15.00	63.00	22.50	15.00	
GPAL64* / GPAL64DIN*	64		36	72									

* GPAL64 90% of original WLL: 5-30°

Blueprint

