



Eye Bolt Green Pin® AL

Product information

The Green Pin® Lifting Eye is a grade 8 lifting eye. 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. The longer thread length of the AL makes a through-hole mounting with a nut and washer on the other side possible. The nut on the bolt should at least be class 8, but class 10 or 12 is recommended. WLL and CE are stamped on the body. Safety factor is 5:1. The thread length of the lifting eye should be adapted to the material of the load. The Green Pin® Lifting Eye 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: Alloy steel, quenched and tempered

Marking: CE-marked

Temperature range: -40°C up to +200°C











Finish: Painted white

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
11.40GPAL06R	GPAL06	0.2	M6	6	20	34	20	20	17	7	0.05
11.40GPAL08R	GPAL08	0.4	M8	8	20	34	20	24	17	7	0.07
11.40GPAL10R	GPAL10	0.7	M10	10	20	38	22	30	19	8	0.08
11.40GPAL12R	GPAL12	1	M12	12	25	47	26	36	23	10	0.14
11.40GPAL14R	GPAL14	1.2	M14	14	30	57	29	40	28	14	0.25
11.40GPAL16R	GPAL16	1.5	M16	16	36	65	35	53	30	14	0.39
11.40GPAL18R	GPAL18	2	M18	18	36	65	35	53	30	14	0.38
11.40GPAL20R	GPAL20	2.5	M20	20	40	73	39	58	34	16	0.58
11.40GPAL22R	GPAL22	3	M22	22	42	82	44	64	38	19	1.01
11.40GPAL24R	GPAL24	4	M24	24	55	95	54	84	40	20	1.12
11.40GPAL27R	GPAL27	5	M27	27	55	95	54	84	40	20	1.18
11.40GPAL30R	GPAL30	6	M30	30	60	108	59	99	49	24	1.84
11.40GPAL33R	GPAL33	7	M33	33	60	108	59	99	49	24	2.01
11.40GPAL36R	GPAL36	8	M36	36	65	118	67	117	45	25	2.44
11.40GPAL39R	GPAL39	9	M39	39	65	118	67	117	45	25	2.62
11.40GPAL42R	GPAL42	10	M42	42	70	139	79	135	56	31	5.41
11.40GPAL45R	GPAL45	15	M45	45	70	139	79	135	56	31	4.16
11.40AL48R	GPAL48	18	M48	48	95	181	97	150	68	42	8.22
11.40AL52R	GPAL52	20	M52	52	95	181	97	150	68	42	8.55
11.40AL56R	GPAL56	25	M56	56	95	181	97	150	68	42	8.85
11.40AL60R	GPAL60	30	M60	60	95	181	97	150	68	42	9.16
11.40AL64R	GPAL64	36	M64	64	95	181	97	150	68	42	9.55

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-symmetrical	0-45°	45-60°	non-symmetrical
	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	

GPAL42 / GPAL42DIN / GPAL42UNC	42	1 7/8	10	20	3.00	10.00	14.00	3.00	3.00	21.00	7.50	3.00
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

