



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	Delivery time
421100020290	GPAL06	0.2	M6	6	20	34	20	20	17	7	0.05	7
421100040290	GPAL08	0.4	M8	8	20	34	20	24	17	7	0.07	3
421100070290	GPAL10	0.7	M10	10	20	38	22	30	19	8	0.08	7
421100100290	GPAL12	1	M12	12	25	47	26	36	23	10	0.14	7
421100120290	GPAL14	1.2	M14	14	30	57	29	40	28	14	0.25	7
421100150290	GPAL16	1.5	M16	16	36	65	35	53	30	14	0.39	7

group										metrical			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	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

