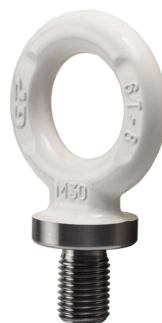




Green Pin® Lifting Eye Length As DIN580

Grade 8 lifting eye length as DIN580



Highlights

- ✓ Reliable Green Pin® quality and support
- ✓ Superior stock availability of 99%

Description

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. The longer thread length of the ALDIN 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 DIN580 is available in a range with a working load limit from 0.2 t. up to 36 t.

Product details

Productcode	ALDIN
Material	alloy steel, Grade 8, quenched and tempered
Safety factor	MBL equals 5 x WLL
Finish	painted white
Certification	2.1 2.2 3.1 MTCa MPIb CE



Green Pin® Lifting Eye Length As DIN580

Technical specifications in millimeters

Article code	working load limit	A diameter thread	B diameter base	C diameter eye outside	D diameter eye inside	E length	F thickness base	G diameter	Net weight (kg)
GPAL06DIN	0,2	6	20	34	20	13	17	7	0.05
GPAL08DIN	0,4	8	20	34	20	13	17	7	0.05
GPAL10DIN	0,7	10	20	38	22	17	19	8	0.08
GPAL12DIN	1	12	25	47	27	21	23	10	0.13
GPAL14DIN	1,2	14	30	57	30	27	27	14	0.24
GPAL16DIN	1,5	16	36	63	35	27	31	14	0.34
GPAL18DIN	2	18	36	63	35	30	31	14	0.36
GPAL20DIN	2,5	20	40	72	40	30	34	16	0.52
GPAL22DIN	3	22	42	82	45	36	38	19	0.74
GPAL24DIN	4	24	55	95	55	36	40	20	1.00
GPAL27DIN	5	27	55	95	55	45	40	20	1.03
GPAL30DIN	6	30	60	108	60	45	51	24	1.66



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Technical specifications in millimeters

Article code	working load limit	A diameter thread	B diameter base	C diameter eye outside	D diameter eye inside	E length	F thickness base	G diameter	Net weight (kg)
GPAL33DIN	7	33	60	108	60	54	51	24	1.66
GPAL36DIN	8	36	65	118	68	54	48	25	2.03
GPAL39DIN	9	39	65	118	68	63	48	25	2.08
GPAL42DIN	10	42	70	142	80	63	61	31	3.37
GPAL45DIN	15	45	70	142	80	68	61	31	3.47
GPAL48DIN	18	48	95	181	97	68	69	42	7.17
GPAL52DIN	20	52	95	181	97	78	69	42	7.53
GPAL56DIN	25	56	95	181	97	78	69	42	7.52
GPAL60DIN	30	60	95	181	97	90	69	42	7.78
GPAL64DIN	36	64	95	181	97	90	69	42	8.42



Green Pin® Lifting Eye Length As DIN580

Technical specifications in inches

Article code	working load limit	A diameter thread (inch)	B diameter base (inch)	C diameter eye outside (inch)	D diameter eye inside (inch)	E length (inch)	F thickness base (inch)	G diameter (inch)	Net weight (LBS)
GPAL06DIN	0,2	M6 X 1.00	25/32	1 11/32	25/32	1/2	21/32	9/32	0.10
GPAL08DIN	0,4	M8 X 1.25	25/32	1 11/32	25/32	1/2	21/32	9/32	0.11
GPAL10DIN	0,7	M10 X 1.50	25/32	1 1/2	7/8	21/32	3/4	5/16	0.17
GPAL12DIN	1	M12 X 1.75	31/32	1 27/32	1 1/16	13/16	29/32	13/32	0.29
GPAL14DIN	1,2	M14 X 2.00	1 3/16	2 1/4	1 3/16	1 1/16	1 1/16	9/16	0.53
GPAL16DIN	1,5	M16 X 2.00	1 13/32	2 15/32	1 3/8	1 1/16	1 7/32	9/16	0.75
GPAL18DIN	2	M18 X 2.50	1 13/32	2 15/32	1 3/8	1 3/16	1 7/32	9/16	0.79
GPAL20DIN	2,5	M20 X 2.50	1 9/16	2 27/32	1 9/16	1 3/16	1 11/32	5/8	1.15
GPAL22DIN	3	M22 X 2.50	1 21/32	3 7/32	1 25/32	1 13/32	1 1/2	3/4	1.62
GPAL24DIN	4	M24 X 3.00	2 5/32	3 3/4	2 5/32	1 13/32	1 9/16	25/32	2.21
GPAL27DIN	5	M27 X 3.00	2 5/32	3 3/4	2 5/32	1 25/32	1 9/16	25/32	2.27
GPAL30DIN	6	M30 X 3.50	2 3/8	4 1/4	2 3/8	1 25/32	2	15/16	3.66



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Technical specifications in inches

Article code	working load limit	A diameter thread (inch)	B diameter base (inch)	C diameter eye outside (inch)	D diameter eye inside (inch)	E length (inch)	F thickness base (inch)	G diameter (inch)	Net weight (LBS)
GPAL33DIN	7	M33 X 3.50	2 3/8	4 1/4	2 3/8	2 1/8	2	15/16	3.67
GPAL36DIN	8	M36 X 4.00	2 9/16	4 21/32	2 11/16	2 1/8	1 7/8	31/32	4.49
GPAL39DIN	9	M39 X 4.00	2 9/16	4 21/32	2 11/16	2 15/32	1 7/8	31/32	4.59
GPAL42DIN	10	M42 X 4.50	2 3/4	5 19/32	3 5/32	2 15/32	2 13/32	1 7/32	7.43
GPAL45DIN	15	M45 X 4.50	2 3/4	5 19/32	3 5/32	2 11/16	2 13/32	1 7/32	7.65
GPAL48DIN	18	M48 X 5.00	3 3/4	7 1/8	3 13/16	2 11/16	2 23/32	1 21/32	15.8
GPAL52DIN	20	M52 X 5.00	3 3/4	7 1/8	3 13/16	3 1/16	2 23/32	1 21/32	16.6
GPAL56DIN	25	M56 X 5.50	3 3/4	7 1/8	3 13/16	3 1/16	2 23/32	1 21/32	16.6
GPAL60DIN	30	M60 X 5.50	3 3/4	7 1/8	3 13/16	3 17/32	2 23/32	1 21/32	17.2
GPAL64DIN	36	M64 X 6.00	3 3/4	7 1/8	3 13/16	3 17/32	2 23/32	1 21/32	18.6

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Technical drawing

