

Digital Chip embedded with Certificate for serial Traceability

- Rotates through 360° adjustable in the direction of the load.
- Manufactured from alloy steel, quenched and tempered.
- Tested in accordance with EN1677-1.
- Certified by DGUV GS-0A 15-04
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are Metric thread.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

Allen Key Patent

- » United States Patent: 10259691
- » Germany Patent: 202018100296
- » China Patent: ZL201721542303.1
- » Taiwan Patent: 1644848

- » Mexico Patent: 3423
- » Japan Patent: 3192016
- » China Patent: ZL 2014 2 0228663.4

- » China Patent: ZL 2012 1 0131962.1
- » Taiwan Patent: 1468602

- » United States Patent: 10607128
- » UK Patent: 3627396
- » German Patent: 602018032891.2
- » Italy Patent: 3627396
- » Japan Patent: 3219858

Digital Key Eye Point

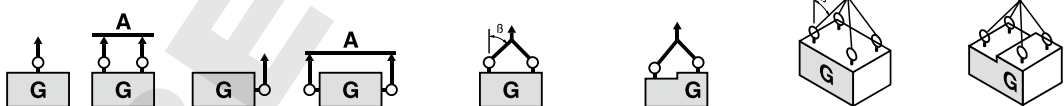
Metric Thread (8-291K)

Item No.	Working Load Limit	Thread version			Dimensions										Torque in Nm	N.W. kg
		M	E	Pitch	A	B	C	D	F	G	H	J	S	W		
		mm	mm	DIN13	mm											
8-291K-001	0.10 NEW	M 6	9	1.00	30	20	7	7	23	19	4	33	6	34	5	0.1
8-291K-003	0.30	M 8	12	1.25	38	25	9	9	25	24	6	41	6	44	10	0.1
8-291K-004	0.40	M 10	15	1.50	38	25	9	9	25	24	6	41	6	44	10	0.1
8-291K-007	0.75	M 12	18	1.75	45	30	10	11	33	30	9	47	8	52	10	0.2
8-291K-015	1.50	M 16	24	2.00	52	35	14	13	35	34	11	56	10	61	30	0.4
8-291K-023	2.30	M 20	30	2.50	60	40	16	15	44	37	15	65	12	70	70	0.6
8-291K-032	3.20	M 24	36	3.00	72	49	19	18	53	47	19	78	14	84	150	1.1
8-291K-045	4.50	M 30	45	3.50	91	61	24	22	62	59	23	95	17	105	350	2.1
8-291K-070	7.00	M 36	54	4.00	110	73	29	27	76	72	31	114	22	126	410	3.7
8-291K-090	9.00	M 42	63	4.50	128	83	34	32	89	81	38	132	24	147	550	5.8
8-291K-120	12.00	M 48	72	5.00	145	95	38	37	105	94	44	150	27	168	550	8.6
8-291K-140	16.00	M 56	84	5.50	148	102	40	43	124	92	49	166	27	178	800	11.0
8-291K-150	18.00	M 64	96	6.00	148	102	40	43	124	92	49	166	27	178	800	11.8

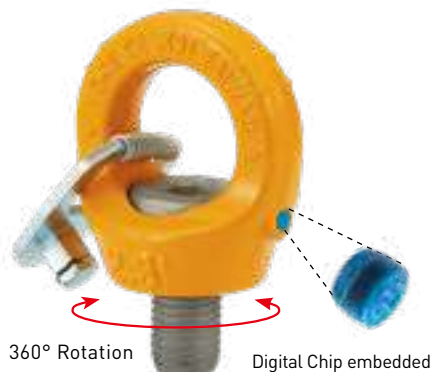
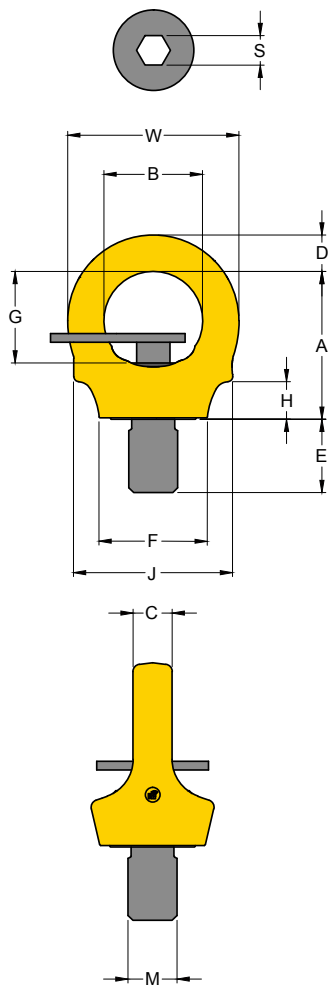
* Design Factor 4:1



Kind of attachment



Item No.	Thread	WLL(t)									
		1	2	1	2	2	2	2	3-4	3-4	3-4
8-291K-001	M 6 ^{NEW}	0.5	1	0.10	0.2	0.14	0.10	0.10	0.21	0.15	0.10
8-291K-003	M 8	1.0	2	0.30	0.6	0.42	0.30	0.30	0.63	0.45	0.30
8-291K-004	M10	1.0	2	0.40	0.8	0.56	0.40	0.40	0.84	0.60	0.40
8-291K-007	M12	2.0	4	0.75	1.5	1.00	0.75	0.75	1.58	1.12	0.75
8-291K-015	M16	4.0	8	1.50	3.0	2.10	1.50	1.50	3.15	2.25	1.50
8-291K-023	M20	6.0	12	2.30	4.6	3.20	2.30	2.30	4.83	3.45	2.30
8-291K-032	M24	8.0	16	3.20	6.4	4.50	3.20	3.20	6.70	4.80	3.20
8-291K-045	M30	12.0	24	4.50	9.0	6.30	4.50	4.50	9.40	6.70	4.50
8-291K-070	M36	16.0	32	7.00	14.0	9.80	7.00	7.00	14.70	10.50	7.00
8-291K-090	M42	24.0	48	9.00	18.0	12.60	9.00	9.00	18.90	13.50	9.00
8-291K-120	M48	32.0	64	12.00	24.0	16.80	12.00	12.00	25.20	18.00	12.00
8-291K-140	M56	34.0	68	16.00	32.0	22.40	16.00	16.00	33.60	24.00	16.00
8-291K-150	M64	36.0	72	18.00	36.0	25.20	18.00	18.00	37.80	27.00	18.00



Digital Chip embedded with Certificate for serial Traceability

- Rotates through 360° adjustable in the direction of the load.
- Manufactured from alloy steel, quenched and tempered.
- Tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are UNC thread.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

Allen Key Patent

- » United States Patent: 10259691
- » Germany Patent: 202018100296
- » China Patent: ZL201721542303.1
- » Taiwan Patent: I644848

- » Mexico Patent: 3423
- » Japan Patent: 3192016
- » China Patent: ZL 2014 2 0228663.4

- » China Patent: ZL 2012 1 0131962.1
- » Taiwan Patent: I468602

- » United States Patent: 10607128
- » UK Patent: 3627396
- » German Patent: 602018032891.2
- » Italy Patent: 3627396
- » Japan Patent: 3219858

Digital Key Eye Point

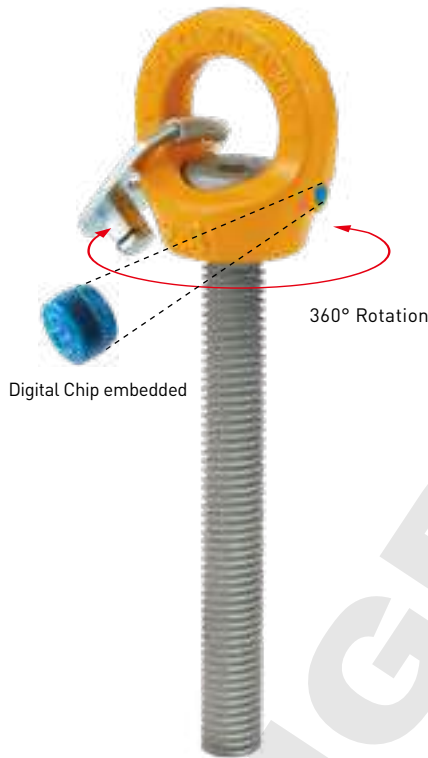
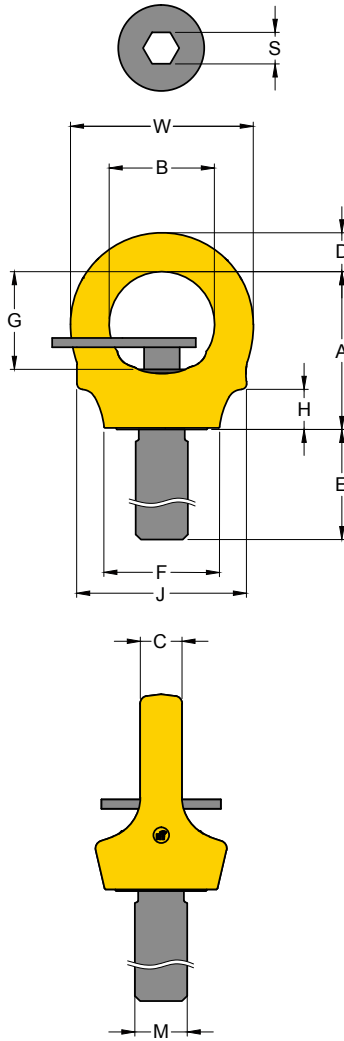
UNC Thread (8-292K)

Item No.	Working Load Limit	Thread version			Dimensions										Torque in	N.W.	
		M	E	TPI	A	B	C	D	F	G	H	J	S	W			Nm
	tonnes	inch	inch														
8-292K-003	0.30	5/16	0.47	18UNC	1.49	1.00	0.33	0.37	0.99	0.92	0.24	1.60	0.25	1.73	10	0.3	
8-292K-004	0.40	3/8	0.56	16UNC	1.49	1.00	0.33	0.37	0.99	0.92	0.24	1.60	0.25	1.73	10	0.3	
8-292K-007	0.75	1/2	0.75	13UNC	1.79	1.19	0.39	0.43	1.30	1.16	0.37	1.85	0.31	2.05	10	0.5	
8-292K-015	1.50	5/8	0.94	11UNC	2.06	1.39	0.55	0.51	1.38	1.32	0.45	2.20	0.37	2.40	30	0.9	
8-292K-023	2.30	3/4	1.13	10UNC	2.38	1.59	0.63	0.58	1.74	1.47	0.60	2.56	0.5	2.76	70	1.4	
8-292K-025	2.30	7/8	1.31	9UNC	2.38	1.59	0.63	0.58	1.74	1.47	0.60	2.56	0.5	2.76	150	1.5	
8-292K-032	3.20	1	1.50	8UNC	2.85	1.91	0.75	0.70	2.08	1.79	0.75	3.07	0.56	3.31	150	2.5	
8-292K-045	4.50	1 1/4	1.88	7UNC	3.57	2.38	0.94	0.88	2.43	2.23	0.91	3.75	0.63	4.13	350	4.7	
8-292K-070	7.00	1 1/2	2.25	6UNC	4.32	2.85	1.14	1.05	2.99	2.71	1.20	4.49	0.87	4.96	410	8.7	
8-292K-090	9.00	1 3/4	2.63	5UNC	5.02	3.26	1.34	1.26	3.51	3.09	1.50	5.20	1.00	5.79	550	12.7	
8-292K-120	12.00	2	3.00	4.5UNC	5.70	3.74	1.50	1.44	4.12	3.69	1.75	5.91	1.00	6.61	550	19.6	

*Design Factor 4:1



Kind of attachment											
Number of legs	Thread	1	2	1	2	2	2	2	3-4	3-4	3-4
Item No.	Inch	WLL(t)									
8-292K-003	5/16	1	2	0.30	0.6	0.42	0.30	0.30	0.63	0.45	0.30
8-292K-004	3/8	1	2	0.40	0.8	0.56	0.40	0.40	0.84	0.60	0.40
8-292K-007	1/2	2	4	0.75	1.5	1.00	0.75	0.75	1.58	1.12	0.75
8-292K-015	5/8	4	8	1.50	3.0	2.10	1.50	1.50	3.15	2.25	1.50
8-292K-023	3/4	6	12	2.30	4.6	3.20	2.30	2.30	4.83	3.45	2.30
8-292K-025	7/8	6	12	2.30	4.6	3.20	2.30	2.30	4.83	3.45	2.30
8-292K-032	1	8	16	3.20	6.4	4.50	3.20	3.20	6.70	4.80	3.20
8-292K-045	1 1/4	12	24	4.50	9.0	6.30	4.50	4.50	9.40	6.70	4.50
8-292K-070	1 1/2	16	32	7.00	14.0	9.80	7.00	7.00	14.70	10.50	7.00
8-292K-090	1 3/4	24	48	9.00	18.0	12.60	9.00	9.00	18.90	13.50	9.00
8-292K-120	2	32	64	12.00	24.0	16.80	12.00	12.00	25.20	18.00	12.00



Digital Chip embedded with Certificate for serial Traceability

- Rotates through 360° adjustable in the direction of the load.
- Manufactured from alloy steel, quenched and tempered.
- Tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are Metric thread.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

Allen Key Patent

- » United States Patent: 10259691
- » Germany Patent: 202018100296
- » China Patent: ZL201721542303.1
- » Taiwan Patent: I644848

- » Mexico Patent: 3423
- » Japan Patent: 3192016
- » China Patent: ZL 2014 2 0228663.4

- » China Patent: ZL 2012 1 0131962.1
- » Taiwan Patent: I468602

- » United States Patent: 10607128
- » UK Patent: 3627396
- » German Patent: 602018032891.2
- » Italy Patent: 3627396
- » Japan Patent: 3219858

Digital Key Eye Point, Long Bolt

Metric Thread (8-291KL)

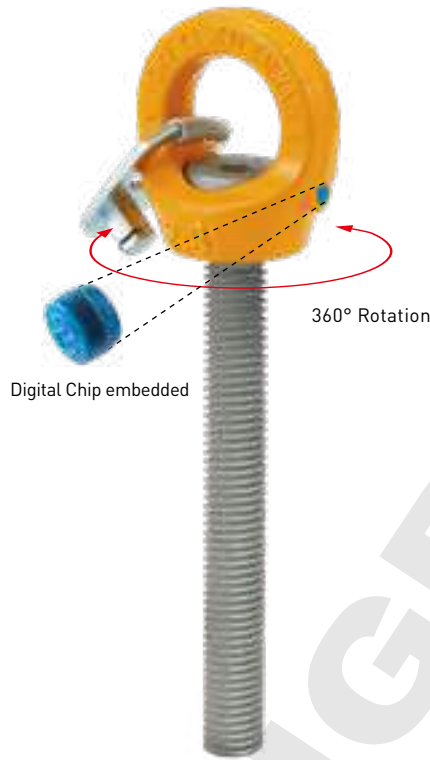
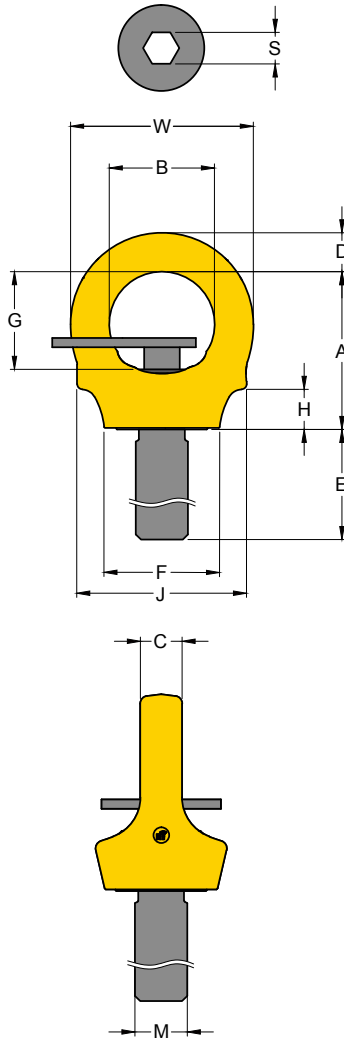
NEW

Item No.	Working Load Limit	Thread version			Dimensions										Torque in Nm	N.W. kg
		M	E	Pitch	A	B	C	D	F	G	H	J	S	W		
	tonnes	mm	mm	DIN13	mm											
8-291K-004/78L	0.40	M 10	70	1.50	38	25	9	9	25	24	6	41	6	44	10	0.2
8-291K-007/159L	0.75	M 12	150	1.75	45	30	10	11	33	30	9	47	8	52	10	0.3
8-291K-015/130L	1.50	M 16	120	2.00	52	35	14	13	35	34	11	56	10	61	30	0.6
8-291K-023/171L	2.30	M 20	160	2.50	60	40	16	15	44	37	15	65	12	70	70	0.9
8-291K-032/152L	3.20	M 24	140	3.00	72	49	19	18	53	47	19	78	14	84	150	1.5
8-291K-045/206L	4.50	M 30	190	3.50	91	61	24	22	62	59	23	95	17	105	350	2.9
8-291K-070/259L	7.00	M 36	240	4.00	110	73	29	27	76	72	31	114	22	126	410	5.2

*Design Factor 4:1



Kind of attachment																				
	Number of legs	Load direction	Item No.	Thread	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)	WLL(t)
8-291K-004/78L	M10	1	2	0.40	0.8	0.56	0.40	0.40	0.84	0.60	0.40	0.84	0.60	0.40	0.84	0.60	0.40	0.84	0.60	0.40
8-291K-007/159L	M12	2	4	0.75	1.5	1.05	0.75	0.75	1.58	1.12	0.75	1.58	1.12	0.75	1.58	1.12	0.75	1.58	1.12	0.75
8-291K-015/130L	M16	4	8	1.50	3.0	2.10	1.50	1.50	3.15	2.25	1.50	3.15	2.25	1.50	3.15	2.25	1.50	3.15	2.25	1.50
8-291K-023/171L	M20	6	12	2.30	4.6	3.20	2.30	2.30	4.83	3.45	2.30	4.83	3.45	2.30	4.83	3.45	2.30	4.83	3.45	2.30
8-291K-032/152L	M24	8	16	3.20	6.4	4.50	3.20	3.20	6.70	4.80	3.20	6.70	4.80	3.20	6.70	4.80	3.20	6.70	4.80	3.20
8-291K-045/206L	M30	12	24	4.50	9.0	6.30	4.50	4.50	9.40	6.70	4.50	9.40	6.70	4.50	9.40	6.70	4.50	9.40	6.70	4.50
8-291K-070/259L	M36	16	32	7.00	14.0	9.80	7.00	7.00	14.70	10.50	7.00	14.70	10.50	7.00	14.70	10.50	7.00	14.70	10.50	7.00



Digital Chip embedded with Certificate for serial Traceability

- Rotates through 360° adjustable in the direction of the load.
- Manufactured from alloy steel, quenched and tempered.
- Tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are UNC thread.
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

Allen Key Patent

- » United States Patent: 10259691
- » Germany Patent: 202018100296
- » China Patent: ZL201721542303.1
- » Taiwan Patent: I644848
- » Mexico Patent: 3423
- » Japan Patent: 3192016
- » China Patent: ZL 2014 2 0228663.4
- » China Patent: ZL 2012 1 0131962.1
- » Taiwan Patent: I468602
- » United States Patent: 10607128
- » UK Patent: 3627396
- » German Patent: 602018032891.2
- » Italy Patent: 3627396
- » Japan Patent: 3219858

Digital Key Eye Point, Long Bolt

UNC Thread (8-292KL)

NEW

Item No.	Working Load Limit	Thread version			Dimensions										Torque	
		M	E	TPI	A	B	C	D	F	G	H	J	S	W	Nm	N.W. lbs
	tonnes	inch	inch						inch							
8-292K-007/157L	0.75	1/2	5.91	13UNC	1.79	1.19	0.39	0.43	1.30	1.16	0.37	1.85	0.31	2.05	10	0.8
8-292K-015/129L	1.50	5/8	4.72	11UNC	2.06	1.39	0.55	0.51	1.38	1.32	0.45	2.20	0.37	2.40	30	1.2
8-292K-023/172L	2.30	3/4	6.30	10UNC	2.38	1.59	0.63	0.58	1.74	1.47	0.60	2.56	0.5	2.76	70	2.1
8-292K-032/156L	3.20	1	5.51	8UNC	2.85	1.91	0.75	0.70	2.08	1.79	0.75	3.07	0.56	3.31	150	3.3
8-292K-045/208L	4.50	1 1/4	7.48	7UNC	3.57	2.38	0.94	0.88	2.43	2.23	0.91	3.75	0.63	4.13	350	6.5

*Design Factor 4:1



Kind of attachment	1		2		1		2		2		2		3-4		3-4		3-4				
	G		G		G		G		G		G		G		G		G				
Number of legs	1		2		1		2		2		2		3-4		3-4		3-4				
Load direction	0°		0°		90°		90°		0-45°		45°- 60°		unsymm.		0 - 45°		45°- 60°		unsymm.		
Thread																					
Item No.	Thread	WLL(t)																			
8-292K-007/157L	1/2	2	4	0.75	1.5	1.05	0.75	0.75	1.58	1.12	0.75										
8-292K-015/129L	5/8	4	8	1.50	3.0	2.10	1.50	1.50	3.15	2.25	1.50										
8-292K-023/172L	3/4	6	12	2.30	4.6	3.20	2.30	2.30	4.83	3.45	2.30										
8-292K-032/156L	1	8	16	3.20	6.4	4.50	3.20	3.20	6.70	4.80	3.20										
8-292K-045/208L	1 1/4	12	24	4.50	9.0	6.30	4.50	4.50	9.40	6.70	4.50										