YOKE®

Safety is our first priority™

YP™

Yellow Point

Catalog No. 8-2013.YP1


136 Nm WLL
YOKE


YOKE
YOKE VEE
YOKE
M24

YOKE Yellow Point Series

Worldwide Quality Type Approval And Certificate:

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT

Quality Control, Testing, and Detecting during manufacturing

YOKE runs a constant and strict production facility with quality control in every manufacturing stage from raw materials to the completed product. YOKE is an ISO 9001 certified company and has Type Approval by the major international authorities from Deutsche Gesetzliche Unfallversicherung (DGUV) , ABS, API, and DNV. YOKE has achieved CNLA certification - Chinese National Laboratory Accreditation which ensures a quality research and development (R&D) department and unsurpassed product engineering.

Magnaflux Crack Detection:

All forged components are individually magnaflux detected after heat treatment.

Proof Load Testing:

YOKE Yellow Points are proof load qualified to 2.5 times the Working Load Limit within 1% permanent deformation.

Dynamic Fatigue Testing:

Batch samples of YOKE Yellow Points are Dynamic Fatigue Tested to 20,000 cycles at 1.5 times the Working Load Limit.

Ultimate Breaking Load Testing:

Batch samples are tested in a static tensile testing machine until failure. Minimum ultimate force equals to the Working Load Limit times safety factor.

Spectrographic Analysis:

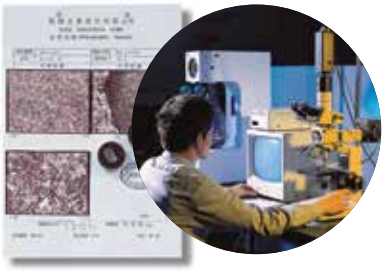
To assure of the proper metallurgy content of all raw materials.

Test certificate
Complied to EN10204

Spectrographic Analysis

Magnaflux Crack Detection

Dimension Examination



Micrographic Analysis

Fatigue Cycle Test

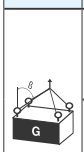
Tensile Test, Capacity 200 tons

Safety is our first priority ™

- Quality, Reliability, Innovation -

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT

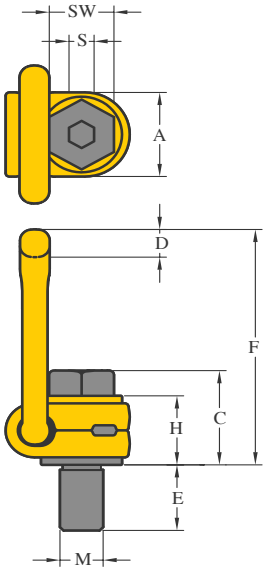
Bolt Lifting Points

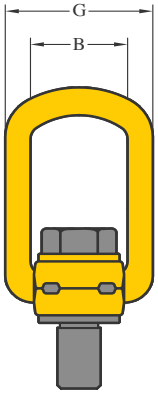
			8-211 Lifting Point														8-291K / 8-291 Eye Point										
																											
	Number of legs	Load direction	Item No.	8-211-003	8-211-006	8-211-010	8-211-012	8-211-015	8-211-020	8-211-025	8-211-040	8-211-042	8-211-050	8-211-070	8-211-080	8-211-100	8-211-150	8-211-200	8-291K-001	8-291K-003	8-291K-004	8-291K-007	8-291K-015	8-291K-023	8-291K-032	8-291K-045	8-291K-070	8-291K-090	8-291K-120
			Thread Size	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 24	M 27	M 30	M 36	M 36	M 42	M 42	M 48	M 6	M 8	M 10	M 12	M 16	M 20	M 24	M 30	M 36	M 42	M 48
	1	0°		0.3	0.63	1	1.2	1.5	2	2.5	4	4	5	7	8	10	15	20	0.5	1	1	2	4	6	8	12	16	24	32
	2	0°		0.6	1.26	2	2.4	3	4	5	8	8	10	14	16	20	30	40	1	2	2	4	8	12	16	24	32	48	64
	1	90°		0.3	0.63	1	1.2	1.5	2	2.5	4	4	5	7	8	10	15	20	0.1	0.3	0.4	0.75	1.5	2.3	3.2	4.5	7	9	12
	2	90°		0.6	1.26	2	2.4	3	4	5	8	8	10	14	16	20	30	40	0.2	0.6	0.8	1.5	3	4.6	6.4	9	14	18	24
	2	0-45°		0.42	0.88	1.4	1.7	2.1	2.8	3.5	5.6	5.6	7	9.8	11.2	14	21	28	0.14	0.42	0.56	1	2.1	3.2	4.5	6.3	9.8	12.6	16.8
	2	45-60°		0.3	0.63	1	1.2	1.5	2	2.5	4	4	5	7	8	10	15	20	0.1	0.3	0.4	0.75	1.5	2.3	3.2	4.5	7	9	12
	2	unsymm.		0.3	0.63	1	1.2	1.5	2	2.5	4	4	5	7	8	10	15	20	0.1	0.3	0.4	0.75	1.5	2.3	3.2	4.5	7	9	12
	3-4	0-45°		0.63	1.32	2.1	2.5	3.1	4.2	5.2	8.4	8.4	10.5	14.7	16.8	21	31.5	42	0.21	0.63	0.8	1.5	3.1	4.8	6.7	9.4	14.7	18.9	25
	3-4	45-60°		0.45	0.95	1.5	1.8	2.2	3	3.7	6	6	7.5	10.5	12	15	22.5	30	0.15	0.45	0.6	1.1	2.2	3.4	4.8	6.7	10.5	13.5	18
	3-4	unsymm.		0.3	0.63	1	1.2	1.5	2	2.5	4	4	5	7	8	10	15	20	0.1	0.3	0.4	0.75	1.5	2.3	3.2	4.5	7	9	12
			Thread Size	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 24	M 27	M 30	M 36	M 36	M 42	M 42	M 48	M 6	M 8	M 10	M 12	M 16	M 20	M 24	M 30	M 36	M 42	M 48

8-271
Swivel Point

	Number of legs	Load direction	Item No.	8-271-003	8-271-004	8-271-006	8-271-013	8-271-020	8-271-035	8-271-060	8-271-061	8-271-080	8-271-081	8-271-120	8-271-130	8-271-131	8-271-140	8-271-160	8-271-161	8-271-162	8-271-310	8-271-350	8-271-400	8-271-401
			Thread Size	M 8	M 10	M 12	M 16	M 20	M 24	M 30	M 33	M 36	M 36-39	M 42	M 48	M 48-52	M 52	M 56	M 64	M 64-76	M 72	M 80	M 90	M 90-150
	1	0°		0.6	0.9	1.2	2.6	4	7	10	12.5	15	15	17	18	17	25	28	28	28	50	50	50	50
	2	0°		1.2	1.8	2.4	5.2	8	14	20	25	30	30	34	36	34	50	56	56	56	100	100	100	100
	1	90°		0.3 (0.4)	0.45 (0.6)	0.6 (0.7)	1.3 (1.5)	2 (2.5)	3.5 (4)	5 (6)	6 (7.5)	8 (10)	8 (10)	12 (13)	13 (16)	12 (13)	14 (20)	16 (22)	16 (25)	16 (22)	31.5 (40)	35 (48)	40 (50)	40 (50)
	2	90°		0.6 (0.8)	0.9 (1.2)	1.2 (1.5)	2.6 (3)	4 (5)	7 (8)	10 (12)	12 (15)	16 (20)	16 (20)	24 (26)	26 (32)	24 (26)	28 (40)	32 (44)	32 (50)	32 (44)	63 (80)	70 (96)	80 (100)	80 (100)
	2	0-45°		0.4	0.6	0.8	1.8	2.8	4.9	7	8.4 (10.5)	11.2 (14)	11.2 (14)	16.8 (18.2)	18.2 (22.4)	16.8 (18.2)	19.6 (28)	22.4 (30.8)	22.4 (35)	22.4 (30.8)	44.1 (56)	49 (67.2)	56 (70)	56 (70)
	2	45-60°		0.3	0.4	0.6	1.3	2	3.5	5	6 (7.5)	8 (10)	8 (10)	12 (13)	13 (16)	12 (13)	14 (20)	16 (22)	16 (25)	16 (22)	31.5 (40)	35 (48)	40 (50)	40 (50)
	2	unsymm.		0.3	0.4	0.6	1.3	2	3.5	5	6 (7.5)	8 (10)	8 (10)	12 (13)	13 (16)	12 (13)	14 (20)	16 (22)	16 (25)	16 (22)	31.5 (40)	35 (48)	40 (50)	40 (50)
	3-4	0-45°		0.6	0.9	1.2	2.7	4.2	7.3	10.5	12.6 (15.7)	16.8 (21)	16.8 (21)	25.2 (27.3)	27.3 (33.6)	25.2 (27.3)	29.4 (42)	33.6 (46.2)	33.6 (52.5)	33.6 (46.2)	66.15 (84)	73.5 (100)	84 (105)	84 (105)
	3-4	45-60°		0.4	0.6	0.9	1.9	3	5.2	7.5	9 (11.2)	12 (15)	12 (15)	18 (19.5)	19.5 (24)	18 (19.5)	21 (30)	24 (33)	24 (37.5)	24 (33)	47.25 (60)	52.5 (72)	60 (75)	60 (75)
	3-4	unsymm.		0.3	0.4	0.6	1.3	2	3.5	5	6 (7.5)	8 (10)	8 (10)	12 (13)	13 (16)	12 (13)	14 (20)	16 (22)	16 (25)	16 (22)	31.5 (40)	35 (48)	40 (50)	40 (50)
			Thread Size	M 8	M 10	M 12	M 16	M 20	M 24	M 30	M 33	M 36	M 36-39	M 42	M 48	M 42-52	M 52	M 56	M 64	M 56-85	M 72	M 80	M 90	M 90-150

8-231 Anchor Point															8-203 Hoist Ring										
																									
8-231-005	8-231-007	8-231-010	8-231-015	8-231-020	8-231-025	8-231-030	8-231-050	8-231-056	8-231-078	8-231-125	8-231-156	8-231-200	8-231-220	8-231-225	8-203-004	8-203-005	8-203-010	8-203-019	8-203-021	8-203-030	8-203-042	8-203-070	8-203-110	8-203-125	8-203-135
M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 24	M 27	M 30	M 36	M 42	M 48	M 56	M 64	M 8	M 10	M 12	M 16	M 20	M 20	M 24	M 30	M 36	M 42	M 48
0.5	0.7	1	1.5	2	2.5	3	5	5.6	7.8	12.5	15.6	20	22	22.5	0.5	0.55	1.3	2.4	2.7	3.75	5.25	8.75	13.75	15.6	16.9
1	1.4	2	3	4	5	6	10	11.2	15.6	25	31.2	40	44	45	1	1.1	2.6	4.8	5.4	7.5	10.5	17.5	27.5	31.2	33.8
0.5	0.7	1	1.5	2	2.5	3	5	5.6	7.8	12.5	15.6	20	22	22.5	0.5	0.55	1.3	2.4	2.7	3.75	5.25	8.75	13.75	15.6	16.9
1	1.4	2	3	4	5	6	10	11.2	15.6	25	31.2	40	44	40	1	1.1	2.6	4.8	5.4	7.5	10.5	17.5	27.5	31.2	33.5
0.7	1	1.4	2.1	2.8	3.5	4.2	7	7.8	10.9	17.5	21.8	28	30.8	28	0.7	0.77	1.82	3.36	3.78	5.25	7.35	12.25	19.25	21.84	23.66
0.5	0.7	1	1.5	2	2.5	3	5	5.6	7.8	12.5	15.6	20	22	20	0.5	0.55	1.3	2.4	2.7	3.75	5.25	8.75	13.75	15.6	16.9
0.5	0.7	1	1.5	2	2.5	3	5	5.6	7.8	12.5	15.6	20	22	20	0.5	0.55	1.3	2.4	2.7	3.75	5.25	8.75	13.75	15.6	16.9
1.1	1.5	2.1	3.2	4.2	5.3	6.3	10.5	11.8	16.4	26.3	32.8	42	46.2	42	1.05	1.16	2.73	5.04	5.67	7.88	11.03	18.38	28.88	32.76	35.49
0.8	1.1	1.5	2.3	3	3.8	4.5	7.5	8.4	11.7	18.8	23.4	30	33	30	0.75	0.83	1.95	3.6	4.05	5.63	7.88	13.13	20.63	23.4	25.35
0.5	0.7	1	1.5	2	2.5	3	5	5.6	7.8	12.5	15.6	20	22	20	0.5	0.55	1.3	2.4	2.7	3.75	5.25	8.75	13.75	15.6	16.9
M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 24	M 27	M 30	M 36	M 42	M 48	M 56	M 64	M 8	M 10	M 12	M 16	M 20	M 20	M 24	M 30	M 36	M 42	M 48





Lifting Point

Bolt in Black Finished**

-40°C

YOKE New Patent

Metric thread (8-211)

Item No.	Working Load Limit	Thread	Dimensions (mm)										Torque In Nm	Repair Kits	N.W.
	tonnes*	M	A	B	C	D	E	F	G	H	S	SW			Kg
8-211-003	0.3	M 8	30	35	35	10	11 ~~(16)~~	85	55	29	6	13	30	**8-P211-003**	0.2
8-211-006	0.63	M10	30	35	36	10	16 ~~(21)~~	85	55	29	6	17	60	**8-P211-006**	0.3
8-211-010	1	M12	33	37	44	14	18 ~~(24)~~	98	57	36	8	19	100	**8-P211-010**	0.5
8-211-012	1.2	M14	33	37	45	14	21 ~~(24)~~	98	57	36	10	22	120	**8-P211-012**	0.5
8-211-015	1.5	M16	33	37	46	14	24 ~~(29)~~	98	57	36	10	24	150	**8-P211-015**	0.5
8-211-020	2	M18	50	54	57	17	26 ~~(31)~~	140	82	44	12	30	200	**8-P211-020**	1.3
8-211-025	2.5	M20	50	54	57	17	30 ~~(36)~~	140	82	44	12	30	250	**8-P211-025**	1.3
8-211-040	4	M24	50	54	59	17	36 ~~(41)~~	140	82	44	14	36	400	**8-P211-040**	1.4
8-211-042	4	M27	60	65	79	23	38 ~~(48)~~	170	99	62	17	41	400	**8-P211-042**	2.8
8-211-050	5	M30	60	65	81	23	48 ~~(53)~~	170	99	62	17	46	500	**8-P211-050**	3.1
8-211-070	7	M36	60	65	88	23	54 ~~(60)~~	178	99	65	22	55	700	**8-P211-070**	3.3
8-211-080	8	M36	77	85	101	27	62	225	124	78	22	55	800	**8-P211-080**	5.8
8-211-100	10	M42	77	85	104	27	72	225	124	78	24	65	1000	**8-P211-100**	6.3
8-211-150	15	M42	95	104	112	36	63 ~~(64)~~	256	158	86	24	65	1500	**8-P211-150**	10.8
8-211-200	20	M48	95	104	120	36	72 ~~(75)~~	259	158	90	27	75	2000	**8-P211-200**	11.6

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

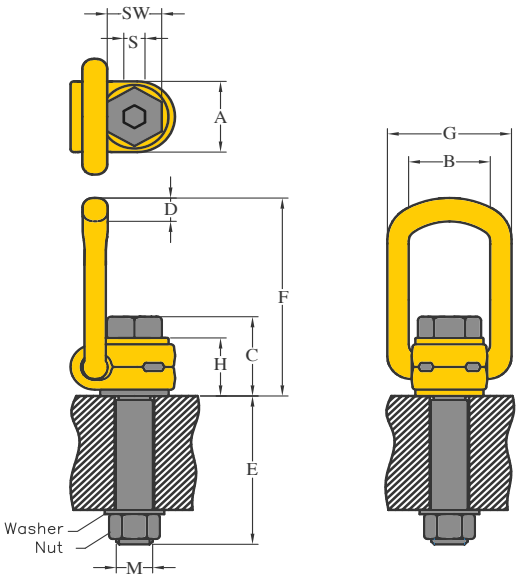
UNC Thread (8-212)

Item No.	Working Load Limit	Thread	Dimensions (inch)										Torque In ft. Lbs	Repair Kits	N.W.
	Lbs*	TPI	A	B	C	D	E	F	G	H	S	SW			Lbs
8-212-010	2200	1/2 - 13UNC	1.30	1.46	1.73	0.53	0.75 ~~(0.94)~~	3.86	2.24	1.42	5/16	3/4	73	**8-P212-010**	1.0
8-212-015	3300	5/8 - 11UNC	1.30	1.46	1.81	0.53	0.94 ~~(1.14)~~	3.86	2.24	1.42	3/8	15/16	110	**8-P212-015**	1.1
8-212-020	5500	3/4 - 10UNC	1.97	2.13	2.2	0.65	1.10 ~~(1.42)~~	5.51	3.23	1.73	1/2	1 1/8	185	**8-P212-020**	2.8
8-212-025	5500	7/8 - 9UNC	1.97	2.13	2.28	0.65	1.10 ~~(1.42)~~	5.51	3.23	1.73	5/8	1 5/16	221	**8-P212-025**	2.8
8-212-040	8800	1 - 8UNC	1.97	2.13	2.34	0.65	1.61	5.51	3.23	1.73	5/8	1 1/2	295	**8-P212-040**	3.1
8-212-050	11000	1 1/4 - 7UNC	2.36	2.56	3.23	0.89	1.61 ~~(2.09)~~	6.69	3.9	2.44	7/8	1 7/8	368	**8-P212-050**	6.5
8-212-080	17000	1 1/2 - 6UNC	3.03	3.35	4.01	1.04	2.25 ~~(2.44)~~	8.86	4.88	3.07	1	2 1/4	585	**8-P212-080**	12.7
8-212-150	33000	1 3/4 - 5UNC	3.74	4.09	4.48	1.42	2.63 ~~(2.72)~~	10.08	6.22	3.39	1	2 5/8	1107	**8-P212-150**	24.0
8-212-200	44000	2 - 4.5UNC	3.74	4.09	4.76	1.42	3.00 ~~(3.15)~~	10.2	6.22	3.54	1 1/4	3	1476	**8-P212-200**	25.5

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT



YOKE New Patent

Lifting Point Long Bolt

Bolt in Black Finished**

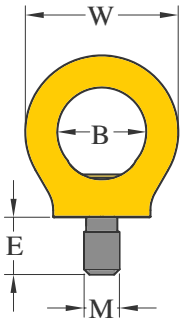
-40°C

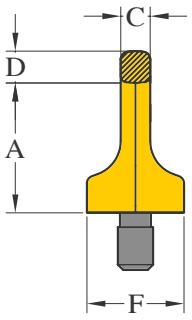
Metric thread

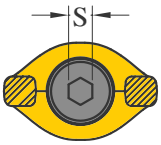
Item No.	Working Load Limit	Thread	Dimensions (mm)										Torque In Nm	Repair Kits	N.W.
	tonnes*	M	A	B	C	D	E	F	G	H	S	SW			Kg
8-211-003/105L	0.3	M 8	30	35	35	10	76	85	55	29	6	13	30	**8-P211-003/105**	0.2
8-211-006/125L	0.63	M10	30	35	36	10	96	85	55	29	6	17	60	**8-P211-006/125**	0.4
8-211-010/150L	1	M12	33	37	44	14	114	98	57	36	8	19	100	**8-P211-010/150**	0.5
8-211-015/185L	1.5	M16	33	37	46	14	149	98	57	36	10	24	150	**8-P211-015/185**	0.7
8-211-025/230L	2.5	M20	50	54	57	17	186	140	82	44	12	30	250	**8-P211-025/230**	1.7
8-211-040/265L	4	M24	50	54	59	17	221	140	82	44	14	36	400	**8-P211-040/265**	2.0
8-211-050/340L	5	M30	60	65	81	23	278	170	99	62	17	46	500	**8-P211-050/340**	4.4
8-211-080/300L	8	M36	77	85	101	27	222	225	124	78	22	55	800	**8-P211-080/300**	7.1
8-211-100/350L	10	M42	77	85	104	27	272	225	124	78	24	65	1000	**8-P211-100/350**	8.5
8-211-150/350L	15	M42	95	104	112	36	264	256	158	86	24	65	1500	**8-P211-150/350**	13.0
8-211-200/385L	20	M48	95	104	120	36	295	259	158	90	27	75	2000	**8-P211-200/385**	14.7

★ Design Factor 4:1

** Bolt in GEOMET® finished on request







YOKE New Patent

-40°C

Key Eye Point

Bolt in Black Finished**

Metric Thread (8-291K)

Item No.	Working Load Limit	Thread	Dimensions (mm)								Key	N.W.
	tonnes*	M	A	B	C	D	E	F	S	W		Kg
	x (z)											
8-291K-003	0.3 (1)	M 8	36	25	8	11	12	25	6	44	**8-P291K-003**	0.1
8-291K-004	0.4 (1)	M10	36	25	8	11	15	25	6	44	**8-P291K-004**	0.1
8-291K-007	0.75 (2)	M12	42	30	10	13	18	33	8	52	**8-P291K-007**	0.2
8-291K-015	1.5 (4)	M16	51	35	14	13	24	35	10	61	**8-P291K-015**	0.3
8-291K-023	2.3 (6)	M20	57	40	16	17	30	44	12	70	**8-P291K-023**	0.6
8-291K-032	3.2 (8)	M24	70	48	19	21	36	52	14	84	**8-P291K-032**	1.0
8-291K-045	4.5 (12)	M30	86	60	24	26	45	62	17	108	**8-P291K-045**	1.8
8-291K-070	7.0 (16)	M36	103	72	29	32	54	78	22	130	**8-P291K-070**	3.2
8-291K-090	9.0 (24)	M42	120	82	34	38	63	88	24	150	**8-P291K-090**	5.0
8-291K-120	12.0 (32)	M48	137	94	38	43	72	104	27	168	**8-P291K-120**	7.6

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

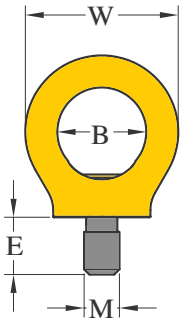
UNC Thread (8-292K)

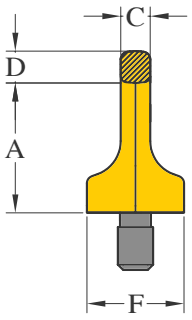
Item No.	Working Load Limit	Thread	Dimensions (inch)								Key	N.W.
	Lbs*	TPI	A	B	C	D	E	F	S	W		Lbs
	x (z)											
8-292K-003	660 (2200)	5/16 - 18UNC	1.42	0.98	0.33	0.43	0.47	0.98	0.24	1.73	**8-P291K-003**	0.2
8-292K-004	880 (2200)	3/8 - 16UNC	1.42	0.98	0.33	0.43	0.59	0.98	0.24	1.73	**8-P291K-004**	0.2
8-292K-007	1650 (4400)	1/2 - 13UNC	1.65	1.18	0.39	0.51	0.71	1.30	0.31	2.05	**8-P291K-007**	0.4
8-292K-015	3300 (8800)	5/8 - 11UNC	2.01	1.38	0.55	0.51	0.94	1.38	0.39	2.40	**8-P291K-015**	0.7
8-292K-023	5060 (13200)	3/4 - 10UNC	2.24	1.57	0.63	0.67	1.18	1.73	0.47	2.76	**8-P291K-023**	1.3
8-292K-032	7040 (17600)	7/8 - 9UNC	2.76	1.89	0.75	0.83	1.42	2.05	0.55	3.31	**8-P291K-032**	2.2
8-292K-045	9900 (26400)	1 - 8UNC	3.39	2.36	0.94	1.02	1.77	2.44	0.67	4.25	**8-P291K-045**	4.0
8-292K-070	15400 (35200)	1 1/4 - 7UNC	4.06	2.83	1.14	1.26	2.13	3.07	0.87	5.12	**8-P291K-070**	7.0
8-292K-090	19800 (52800)	1 3/4 - 5UNC	4.72	3.23	1.34	1.50	2.48	3.46	0.94	5.91	**8-P291K-090**	11.0
8-292K-120	26400 (70400)	2 - 4.5UNC	5.39	3.70	1.50	1.69	2.83	4.09	1.06	6.61	**8-P291K-120**	16.7

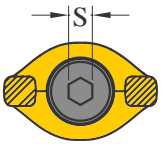
★ Design Factor 4:1

** Bolt in GEOMET® finished on request

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT







Load direction

-Nominal WLL-

Vertical load
-straight pull-
()-Values

YOKE New Patent

-40°C

Repair Kits

Eye Point

Bolt in Black Finished**

Metric Thread (8-291)

Item No.	Working Load Limit	Thread	Dimensions (mm)								Repair	N.W.
	tonnes*	M	A	B	C	D	E	F	S	W	Kits	Kg
	x (z)											
8-291-003	0.3 (1)	M 8	36	25	8	11	12	25	6	44	**8-P291-003**	0.1
8-291-004	0.4 (1)	M10	36	25	8	11	15	25	6	44	**8-P291-004**	0.1
8-291-007	0.75 (2)	M12	42	30	10	13	18	33	8	52	**8-P291-007**	0.2
8-291-015	1.5 (4)	M16	51	35	14	13	24	35	10	61	**8-P291-015**	0.3
8-291-023	2.3 (6)	M20	57	40	16	17	30	44	12	70	**8-P291-023**	0.5
8-291-032	3.2 (8)	M24	70	48	19	21	36	52	14	84	**8-P291-032**	0.9
8-291-045	4.5 (12)	M30	86	60	24	26	45	62	17	108	**8-P291-045**	1.7
8-291-070	7.0 (16)	M36	103	72	29	32	54	78	22	130	**8-P291-070**	2.9
8-291-090	9.0 (24)	M42	120	82	34	38	63	88	24	150	**8-P291-090**	4.6
8-291-120	12.0 (32)	M48	137	94	38	43	72	104	27	168	**8-P291-120**	7.0

★ Design Factor 4:1

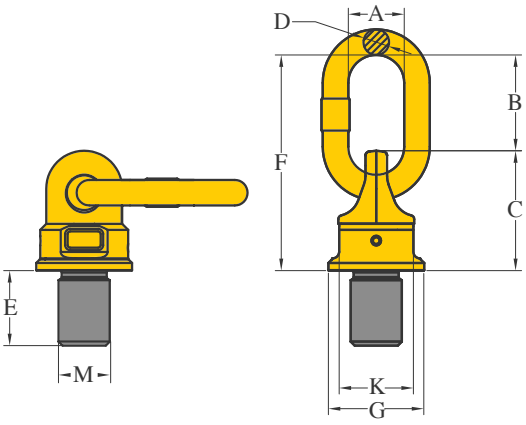
** Bolt in GEOMET® finished on request

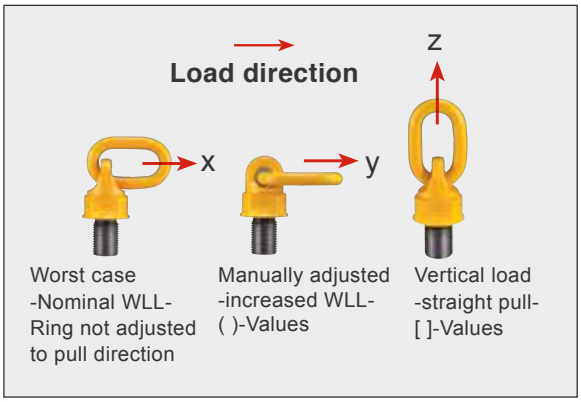
UNC Thread (8-292)

Item No.	Working Load Limit	Thread	Dimensions (inch)								Repair	N.W.
	Lbs*	TPI	A	B	C	D	E	F	S	W	Kits	Lbs
	x (z)											
8-292-003	660 (2200)	5/16 - 18UNC	1.42	0.98	0.33	0.43	0.47	0.98	0.24	1.73	**8-P291-003**	0.2
8-292-004	880 (2200)	3/8 - 16UNC	1.42	0.98	0.33	0.43	0.59	0.98	0.24	1.73	**8-P291-004**	0.2
8-292-007	1650 (4400)	1/2 - 13UNC	1.65	1.18	0.39	0.51	0.71	1.30	0.31	2.05	**8-P291-007**	0.4
8-292-015	3300 (8800)	5/8 - 11UNC	2.01	1.38	0.55	0.51	0.94	1.38	0.39	2.40	**8-P291-015**	0.7
8-292-023	5060 (13200)	3/4 - 10UNC	2.24	1.57	0.63	0.67	1.18	1.73	0.47	2.76	**8-P291-023**	1.1
8-292-032	7040 (17600)	7/8 - 9UNC	2.76	1.89	0.75	0.83	1.42	2.05	0.55	3.31	**8-P291-032**	2.0
8-292-045	9900 (26400)	1 - 8UNC	3.39	2.36	0.94	1.02	1.77	2.44	0.67	4.25	**8-P291-045**	3.7
8-292-070	15400 (35200)	1 1/4 - 7UNC	4.06	2.83	1.14	1.26	2.13	3.07	0.87	5.12	**8-P291-070**	6.4
8-292-090	19800 (52800)	1 3/4 - 5UNC	4.72	3.23	1.34	1.50	2.48	3.46	0.94	5.91	**8-P291-090**	10.1
8-292-120	26400 (70400)	2 - 4.5UNC	5.39	3.70	1.50	1.69	2.83	4.09	1.06	6.61	**8-P291-120**	15.4

★ Design Factor 4:1

** Bolt in GEOMET® finished on request





-40°C

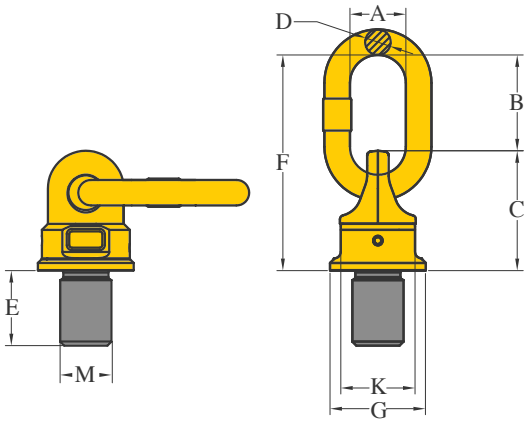
Swivel Point

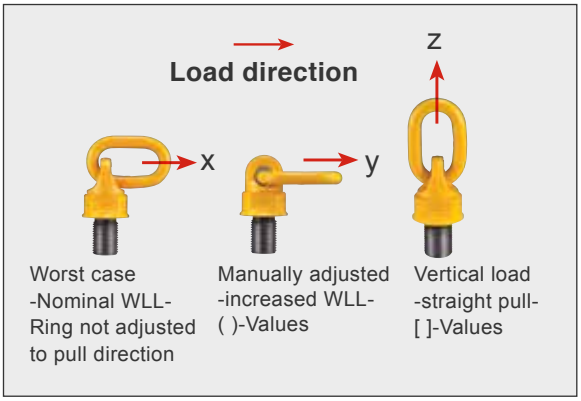
※Metric Thread (8-271)

Item No.	Working Load Limit	Thread	Dimensions (mm)								N.W.
	tonnes*	M	A	B	C	D	E	F	G	K	Kg
	x (y) [z] →										
8-271-003	0.3 (0.4) [0.6]	M 8	29	32	44	8	12	75	35	30	0.2
8-271-004	0.45 (0.6) [0.9]	M10	29	32	44	8	15	75	35	30	0.3
8-271-006	0.6 (0.7) [1.2]	M12	35	50	54	10	18	104	40	36	0.4
8-271-013	1.3 (1.5) [2.6]	M16	38	50	65	13	24	114	46	41	0.6
8-271-020	2 (2.5) [4]	M20	38	56	79	13	30	135	62	55	1.4
8-271-035	3.5 (4) [7]	M24	40	68	104	18	36	172	78	70	2.6
8-271-060	6 (7.5) [10]	M30	50	86	92	22	50	207	90	80	4.9
8-271-080	8 (10) [15]	M36	50	86	92	22	54	207	90	80	5.0
8-271-120	12 (13) [17]	M42	65	90	94	26	63	209	98	84	5.5
8-271-130	13 (16) [18]	M48	65	90	94	26	68	209	98	84	5.8
8-271-140	14 (20) [25]	M52	70	120	120	32	78	270	120	94	10.5
8-271-160	16 (22) [28]	M56	70	120	120	32	84	270	120	94	10.7
8-271-161	16 (25) [28]	M64	70	120	120	32	84	270	120	94	11.6
8-271-310	31.5 (40) [50]	M72	90	130	160	46	108	340	170	145	30.6
8-271-350	35 (48) [50]	M80	90	130	160	46	120	340	170	145	31.9
8-271-400	40 (50) [50]	M90	90	130	160	46	135	340	170	145	33.9

★ Design Factor 4:1

※ Thread M33, M39, M45, up to M150 are available upon request





-40°C

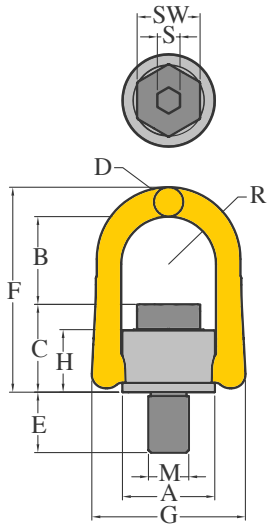
Swivel Point

※UNC Thread (8-272)

Item No.	Working Load Limit Lbs* x (y) [z]	Thread TPI	Dimensions (inch) A	B	C	D	E	F	G	K	N.W. Lbs
8-272-006	660 (880) [1320]	1/2 - 13UNC	1.38	1.97	2.13	0.39	0.71	4.09	1.57	1.42	0.9
8-272-013	2860 (3300) [5720]	5/8 - 11UNC	1.50	1.97	2.56	0.51	0.94	4.49	1.81	1.61	1.3
8-272-018	3960 (4400) [7900]	3/4 - 10UNC	1.50	1.97	2.56	0.51	0.94	4.49	1.81	1.61	3.1
8-272-020	4400 (5500) [8800]	7/8 - 9UNC	1.50	2.20	3.11	0.51	1.18	5.31	2.44	2.17	3.1
8-272-035	7700 (8800) [15400]	1 - 8UNC	1.57	2.68	4.09	0.71	1.42	6.77	3.07	2.76	5.7
8-272-060	13200 (16500) [22000]	1 1/4 - 7UNC	1.97	3.39	3.62	0.87	1.97	8.15	3.54	3.15	10.8
8-272-080	17600 (22000) [33000]	1 1/2 - 6UNC	1.97	3.39	3.62	0.87	2.13	8.15	3.54	3.15	11.0
8-272-120	26400 (28600) [37400]	1 3/4 - 5UNC	2.56	3.54	3.70	1.02	2.48	8.23	3.86	3.31	12.1
8-272-130	28600 (35200) [39600]	2 - 4.5UNC	2.56	3.54	3.70	1.02	2.64	8.23	3.86	3.31	12.8
8-272-140	30800 (48400) [55000]	2 1/4 - 4.5UNC	2.56	3.54	3.70	1.02	2.68	8.23	3.86	3.31	23.1
8-272-160	35200 (48400) [61600]	2 1/2 - 4UNC	2.76	4.72	4.72	1.26	3.31	10.63	4.72	3.70	23.5
8-272-310	69300 (88000) [110000]	3 - 4UNC	3.54	5.12	6.30	1.81	4.25	13.39	6.69	5.71	67.3
8-272-350	77000 (105600) [110000]	3 1/2 - 4UNC	3.54	5.12	6.30	1.81	4.72	13.39	6.69	5.71	70.2
8-272-400	88000 (110000) [110000]	4 - 4UNC	3.54	5.12	6.30	1.81	5.31	13.39	6.69	5.71	74.6

★ Design Factor 4:1

※ Thread up to 6" are available upon request



-40°C

YOKE New Patent

Anchor Point

Bolt in Black Finished**

Metric Thread (8-231)

Item No.	Working Load Limit	Thread	Dimensions (mm)											Torque in Nm	Repair Kits	N.W.
	tonnes*	M	A	B	C	D	E	F	G	H	R	S	SW			Kg
8-231-005	0.5	M 8	32	42	28	11	11	80	58	23	17	6	13	30	**8-P231-005**	0.3
8-231-007	0.7	M10	32	41	29	11	16	80	58	23	17	6	17	60	**8-P231-007**	0.3
8-231-010	1	M12	32	40	31	11	18	80	58	23	17	8	19	100	**8-P231-010**	0.3
8-231-015	1.5	M14	50	56	45	17	21	117	86	36	27	10	22	120	**8-P231-015**	0.9
8-231-020	2	M16	50	54	46	17	24	117	86	36	27	10	24	150	**8-P231-020**	0.9
8-231-025	2.5	M18	65	78	57	20	30	153	108	44	34	12	30	200	**8-P231-025**	1.9
8-231-030	3	M20	50	52	49	17	26	117	86	36	27	12	30	250	**8-P231-030**	1.0
8-231-050	5	M24	65	75	59	20	36	153	108	44	34	14	36	400	**8-P231-050**	2.0
8-231-056	5.6	M27	87	96	79	30	38	205	148	62	46	17	41	400	**8-P231-056**	4.9
8-231-078	7.8	M30	87	94	81	30	48	205	148	62	46	17	46	500	**8-P231-078**	5.0
8-231-125	12.5	M36	87	90	85	30	54	205	148	62	46	22	55	1000	**8-P231-125**	5.5
8-231-156	15.6	M42	109	109	101	36	62	244	183	75	57	24	65	1500	**8-P231-156**	10.2
8-231-200	20	M48	109	105	105	36	72	244	183	75	57	27	75	2000	**8-P231-200**	10.9
§§ **8-231-220**	22	M56	123	122	113	38	63	273	202	77	64	—	85	2100	**8-P231-220**	14.2
§§ **8-231-225**	22.5	M64	123	118	118	38	72	273	202	77	64	—	95	2200	**8-P231-225**	15.8

★ Design Factor 4:1

§§ Supplied with a hex head bolt.

** Bolt in GEOMET® finished on request

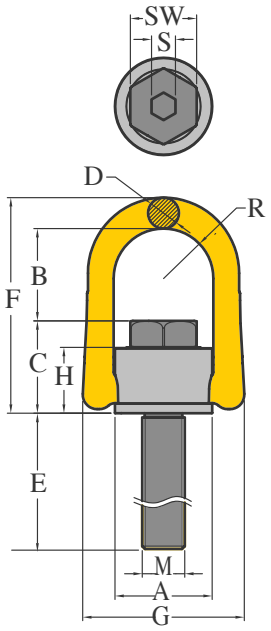
UNC Thread (8-232)

Item No.	Working Load Limit	Thread	Dimensions (inch)											Torque In ft. Lbs	Repair Kits	N.W.
	Lbs*	TPI	A	B	C	D	E	F	G	H	R	S	SW			Lbs
8-232-010	2200	1/2 - 13UNC	1.26	2.25	1.73	0.41	0.75	3.15	2.28	0.89	0.67	5/16	3/4	73	**8-P232-010**	0.6
8-232-020	4400	5/8 - 11UNC	1.97	2.13	1.81	0.65	0.94	4.61	3.39	1.42	1.06	3/8	15/16	110	**8-P232-020**	2.0
8-232-030	6600	3/4 - 10UNC	1.97	2.07	1.89	0.65	1.10	4.61	3.39	1.42	1.06	1/2	1 1/8	185	**8-P232-030**	2.1
8-232-038	8360	7/8 - 9UNC	2.56	2.99	2.28	0.79	1.10	6.02	4.25	1.73	1.34	5/8	1 5/16	221	**8-P232-038**	4.3
8-232-050	11000	1 - 8UNC	2.56	2.91	2.34	0.79	1.61	6.02	4.25	1.73	1.34	7/8	1 1/2	295	**8-P232-050**	4.5
8-232-078	17160	1 1/4 - 7UNC	3.43	3.66	3.23	1.18	1.61	8.07	5.83	2.44	1.79	7/8	1 7/8	368	**8-P232-078**	11.0
8-232-125	27500	1 1/2 - 6UNC	3.43	3.51	3.38	1.18	2.25	8.07	5.83	2.44	1.79	1	2 1/4	585	**8-P232-125**	12.1
8-232-200	44000	2 - 4.5UNC	4.29	4.12	4.15	1.42	3.00	9.61	7.20	2.93	2.22	1 1/4	3	1476	**8-P232-200**	24.0

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT



-40°C

Anchor Point Long Bolt

Bolt in Black Finished**

Metric Thread

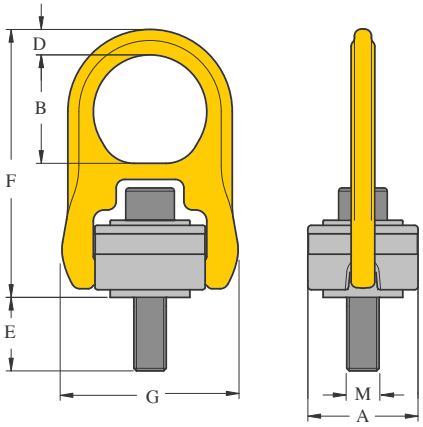
Item No.	Working Load Limit	Thread	Dimensions (mm)											Torque in	Repair	N.W.
	tonnes*	M	A	B	C	D	E	F	G	H	R	S	SW	Nm	Kits	Kg
8-231-005/105L	0.5	M 8	32	42	28	11	83	80	58	23	17	6	13	30	**8-P231-005/105**	0.3
8-231-007/125L	0.7	M10	32	41	29	11	103	80	58	23	17	6	17	60	**8-P231-007/125**	0.4
8-231-010/150L	1	M12	32	40	31	11	128	80	58	23	17	8	19	100	**8-P231-010/150**	0.4
8-231-020/185L	2	M16	50	54	46	17	149	117	86	36	27	10	24	150	**8-P231-020/185**	1.1
8-231-030/230L	3	M20	50	52	49	17	194	117	86	36	27	12	30	250	**8-P231-030/230**	1.4
8-231-050/265L	5	M24	65	75	59	20	221	153	108	44	34	14	36	400	**8-P231-050/265**	2.6
8-231-078/340L	7.8	M30	87	94	81	30	278	205	148	62	46	17	46	500	**8-P231-078/340**	6.3
8-231-125/300L	12.5	M36	87	90	85	30	238	205	148	62	46	22	55	1000	**8-P231-125/300**	6.8
8-231-156/350L	15.6	M42	109	109	101	36	276	244	183	75	57	24	65	1500	**8-P231-156/350**	13.2
8-231-200/385L	20	M48	109	105	105	36	311	244	183	75	57	27	75	2000	**8-P231-200/385**	14.0

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

Hoist Ring

with alloy steel washer.
Bolt in Black Finished**



-40°C

Metric thread (8-203)

	Item No.	Working Load Limit	Thread							Torque in Nm	N.W.
		tonnes*	M	A	B	D	E	F	G		Kg
	8-203-004	0.50	M 8	40	41	9	17	102	65	10	0.4
	8-203-005	0.55	M10	40	41	9	11	102	65	16	0.5
§	**8-203-005L**	0.55	M10	40	41	9	26	102	65	16	0.5
	8-203-010	1.30	M12	65	64	15	15	158	105	38	1.7
§	**8-203-010L**	1.30	M12	65	64	15	30	158	105	38	1.7
	8-203-019	2.40	M16	65	64	15	20	158	105	81	1.8
§	**8-203-019L**	2.40	M16	65	64	15	35	158	105	81	1.8
	8-203-021	2.70	M20	65	64	15	25	158	105	136	1.9
§	**8-203-021L**	2.70	M20	65	64	15	45	158	105	136	2.1
	8-203-030	3.75	M20	85	79	19	25	204	134	136	4.2
§	**8-203-030L**	3.75	M20	85	79	19	45	204	134	136	4.2
	8-203-042	5.25	M24	85	79	19	26	204	134	312	4.2
§	**8-203-042L**	5.25	M24	85	79	19	56	204	134	312	4.3
§§	**8-203-070**	8.75	M30	100	100	25	81	241	160	637	6.7
§§	**8-203-110**	13.75	M36	120	111	30	76	286	194	1005	15.5
§§	**8-203-125**	15.60	M42	120	111	30	95	286	220	1005	16.5
§§	**8-203-135**	16.90	M48	120	111	30	105	286	220	1350	16.8
§§	**8-203-155**	19.40	M56	138	109	34	94	308	241	1350	19.3
§§	**8-203-223**	27.90	M64	138	100	38	98	312	241	2847	20.7
§§	**8-203-315**	39.40	M72	166	127	45	131	377	300	5830	43.0

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

UNC thread (8-204)

	Item No.	Working Load Limit	Thread							Torque in ft. Lbs	N.W.
		Lbs*	TPI	A	B	D	E	F	G		Lbs
	8-204-004	800	5/16 - 18UNC	1.57	1.61	0.35	0.68	4.02	2.56	7	0.9
	8-204-005	1000	3/8 - 16UNC	1.57	1.61	0.35	0.68	4.02	2.56	12	0.9
	8-204-010	2500	1/2 - 13UNC	2.56	2.32	0.59	0.69	6.26	4.13	28	3.7
§	**8-204-010L**	2500	1/2 - 13UNC	2.56	2.32	0.59	1.19	6.26	4.13	28	3.7
	8-204-019	4000	5/8 - 11UNC	2.56	2.32	0.59	0.69	6.26	4.13	60	4.0
§	**8-204-019L**	4000	5/8 - 11UNC	2.56	2.32	0.59	1.44	6.26	4.13	60	4.0
	8-204-021	5000	3/4 - 10UNC	2.56	2.87	0.59	0.94	6.26	4.13	100	4.0
§	**8-204-021L**	5000	3/4 - 10UNC	2.56	2.87	0.59	1.44	6.26	4.13	100	4.2
	8-204-030	7000	3/4 - 10UNC	3.35	2.87	0.59	0.83	6.26	5.28	100	9.0
§	**8-204-030L**	7000	3/4 - 10UNC	3.35	2.87	0.87	1.58	8.03	5.28	100	9.5
	8-204-042	8000	7/8 - 9UNC	3.35	2.87	0.87	1.33	8.03	5.28	160	9.3
§	**8-204-042L**	8000	7/8 - 9UNC	3.35	2.87	0.87	2.08	8.03	5.28	160	9.7
	8-204-045	10000	1 - 8UNC	3.35	2.87	0.87	1.33	8.03	5.28	230	9.5
§	**8-204-045L**	10000	1 - 8UNC	3.35	2.87	0.87	2.33	8.03	5.28	230	10.1
§§	**8-204-070**	15000	1 1/4 - 7UNC	3.95	3.15	1.00	2.22	8.58	6.30	470	14.8
§§	**8-204-125**	24000	1 1/2 - 6UNC	4.72	4.29	1.38	3.15	12.09	8.66	800	36.4
§§	**8-204-135**	30000	2 - 4.5UNC	4.72	4.29	1.38	3.15	12.09	8.66	1100	38.6

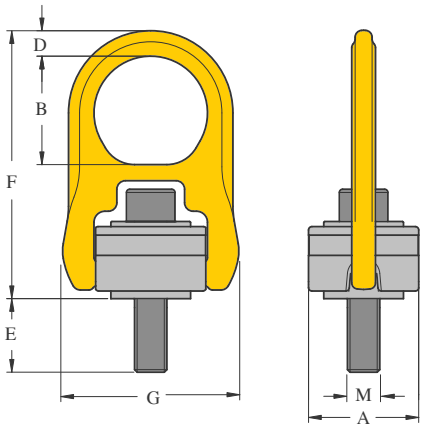
★ Design Factor 4:1

§ Long Bolts are designed for soft metal work piece.

§§ Supplied with a hex head bolt.

** Bolt in GEOMET® finished on request

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT



Hoist Ring

with ball bearing.

Bolt in Black Finished**

-40°C

Ball Bearing Inside
Patent

Metric thread (8-201)

	Item No.	Working Load Limit	Thread							Torque in Nm	N.W.
		tonnes*	M	A	B	D	E	F	G		Kg
	8-201-004	0.50	M 8	40	41	9	16	102	65	10	0.4
	8-201-005	0.55	M10	40	41	9	11	102	65	16	0.4
§	**8-201-005L**	0.55	M10	40	41	9	26	102	65	16	0.5
	8-201-010	1.30	M12	65	64	15	14	158	105	38	1.7
§	**8-201-010L**	1.30	M12	65	64	15	29	158	105	38	2.1
	8-201-019	2.40	M16	65	64	15	19	158	105	81	1.7
§	**8-201-019L**	2.40	M16	65	64	15	34	158	105	81	1.8
	8-201-021	2.70	M20	65	64	15	24	158	105	136	1.8
§	**8-201-021L**	2.70	M20	65	64	15	44	158	105	136	1.8
	8-201-030	3.75	M20	85	79	19	25	204	134	136	4.1
§	**8-201-030L**	3.75	M20	85	79	19	45	204	134	136	4.2
	8-201-042	5.25	M24	85	79	19	25	204	134	312	4.2
§	**8-201-042L**	5.25	M24	85	79	19	50	204	134	312	4.3

★ Design Factor 4:1

** Bolt in GEOMET® finished on request

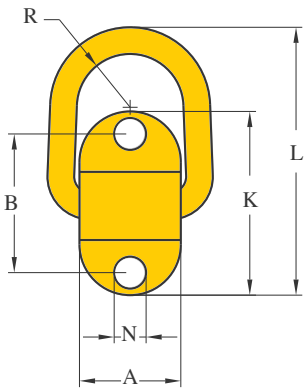
UNC thread (8-202)

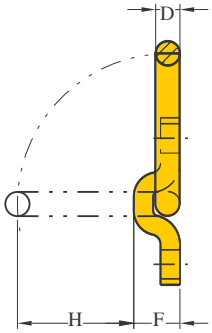
	Item No.	Working Load Limit	Thread							Torque in ft. Lbs	N.W.
		Lbs*	TPI	A	B	D	E	F	G		Lbs
	8-202-004	800	5/16 - 18UNC	1.57	1.61	0.35	0.68	4.02	2.56	7	0.9
	8-202-005	1000	3/8 - 16UNC	1.57	1.61	0.35	0.68	4.02	2.56	12	0.9
	8-202-010	2500	1/2 - 13UNC	2.56	2.32	0.59	0.69	6.26	4.13	28	3.8
§	**8-202-010L**	2500	1/2 - 13UNC	2.56	2.32	0.59	1.19	6.26	4.13	28	3.8
	8-202-019	4000	5/8 - 11UNC	2.56	2.32	0.59	0.69	6.26	4.13	60	3.8
§	**8-202-019L**	4000	5/8 - 11UNC	2.56	2.32	0.59	1.44	6.26	4.13	60	4.0
	8-202-021	5000	3/4 - 10UNC	2.56	2.87	0.59	0.94	6.26	4.13	100	4.0
§	**8-202-021L**	5000	3/4 - 10UNC	2.56	2.87	0.59	1.44	6.26	4.13	100	4.0
	8-202-030	7000	3/4 - 10UNC	3.35	2.87	0.59	0.83	6.26	5.28	100	9.0
§	**8-202-030L**	7000	3/4 - 10UNC	3.35	2.87	0.87	1.58	8.03	5.28	100	9.3
	8-202-042	8000	7/8 - 9UNC	3.35	2.87	0.87	1.33	8.03	5.28	160	9.2
§	**8-202-042L**	8000	7/8 - 9UNC	3.35	2.87	0.87	2.08	8.03	5.28	160	9.7
	8-202-045	10000	1 - 8UNC	3.35	2.87	0.87	1.33	8.03	5.28	230	9.3
§	**8-202-045L**	10000	1 - 8UNC	3.35	2.87	0.87	2.33	8.03	5.28	230	9.7

★ Design Factor 4:1

§ Long Bolts are designed for soft metal work piece.

** Bolt in GEOMET® finished on request





-40°C

Bolt-on Tie Down

Designed with spring, stop at any angle

supplied without bolt

Item No.	Working Load Limit	Dimensions (mm)									N.W.
	tonnes*	A	B	D	F	H	K	L	N	R	Kg
8-058-1T	1.0	50	72	14	27	55	98	139	14	24	0.8
8-058-3T	3.0	58	84	17	33	50	114	144	16	29	1.1
8-058-5T	5.0	64	116	22	43	74	160	203	20	33	2.5

★ Design factor 5:1

Bolts of grade 10.9 & 12.9 are recommended

Weld-on Lifting Points

				8-0573 Economic Point							8-057 Weld-on Point					8-082 Weld-on Ring					8-081 Weld-on Hook							
																												
	Number of legs	Load direction	Item No.	8-0573-01	8-0573-03	8-0573-05	8-0573-08	8-0573-10	8-0573-20	8-0573-30	8-057-1T	8-057-3T	8-057-5T	8-057-8T	8-057-10T	8-082-04	8-082-06	8-082-10	8-082-16	8-082-30	8-081-01	8-081-02	8-081-03	8-081-04	8-081-05	8-081-08	8-081-10	8-081-15
	1	0°		2	3	5	8	10	20	30	2	3	5	8	10	4	6.7	10	16	31.5	1	2	3	4	5	8	10	15
	2	0°		4	6	10	16	20	40	60	4	6	10	16	20	8	13.4	20	32	63	2	4	6	8	10	16	20	30
	1	90°		2	3	5	8	10	20	30	2	3	5	8	10	4	6.7	10	16	31.5	1	2	3	4	5	8	10	15
	2	90°		4	6	10	16	20	40	60	4	6	10	16	20	8	13.4	20	32	63	2	4	6	8	10	16	20	30
	2	0-45°		2.8	4.2	7	11.2	14	28	42	2.8	4.2	7	11.2	14	5.6	9.4	14	22.4	44.1	1.4	2.8	4.2	5.6	7	11.2	14	21
	2	45-60°		2	3	5	8	10	20	30	2	3	5	8	10	4	6.7	10	16	31.5	1	2	3	4	5	8	10	15
	2	unsymm.		2	3	5	8	10	20	30	2	3	5	8	10	4	6.7	10	16	31.5	1	2	3	4	5	8	10	15
	3-4	0-45°		4.2	6.3	10.5	16.8	21	42	63	4.2	6.3	10.5	16.8	21	8.4	14.1	21	33.6	66.2	2.1	4.2	6.3	8.4	10.5	16.8	21	31.5
	3-4	45-60°		3	4.5	7.5	12	15	30	45	3	4.5	7.5	12	15	6	10.1	15	24	47.3	1.5	3	4.5	6	7.5	12	15	22.5
	3-4	unsymm.		2	3	5	8	10	20	30	2	3	5	8	10	4	6.7	10	16	31.5	1	2	3	4	5	8	10	15

WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT

WELDING INSTRUCTIONS

The welding should only be carried out by qualified welder according to Standards, e.g. EN 287 or AWS.

Support material

- Material of the welding block is S355J2+N (1.0577+N, St 52-3N, B.S. 4360.50D, AISI 1019 etc.).
- Prior to welding, the contact areas must be free from impurities, oil, paint, rust, scale, etc., for example by grinding. If the surface is at all corroded, all rust must be completely removed from the weld area. Painted surface must be prepared in the same way.
- The steel support member must have a carbon content of no more than 0.40%.
- In ambient temperature of 10°C and below, pre-heating of the weld area prior to welding must be carried out.

Seam welding

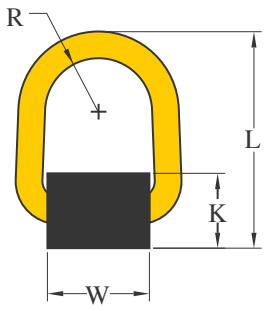
- The welds must be sufficiently strong to take the required loads.
- Before starting the final weld pass, clean well the root pass to avoid inclusions.
- The complete welding operation must be carried out continuously so that the parts do not have time to cool.
- Effects of temperature
  - The complete construction can be annealed stress release at <600°C without reduction of WLL.
  - Do not rapidly cool the weld.
- A thorough inspection of the weld should be performed. No cracks, pitting, inclusions, notches or undercuts are allowed. If doubt exists, use a suitable NDT method, such as magnetic particle or liquid penetrant to verify.
- If repair is required, grind out the defect and re-weld using the original qualified procedure.

Welding materials

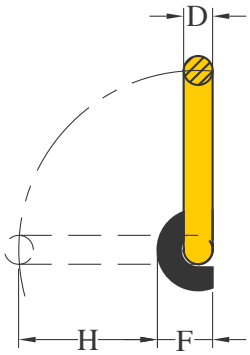
- Weld materials must have a minimum tensile strength of 70,000 PSI (such as AWS A5.1 E-7018), following the electrode manufacturer' s recommendations. Reference information as below:

MIG arc welding:

- Wire diameter 0.8 - 1.2 as per DIN 8559-SG 3, AWS A 5.18.
- Important: do not weld in the open air during bad weather

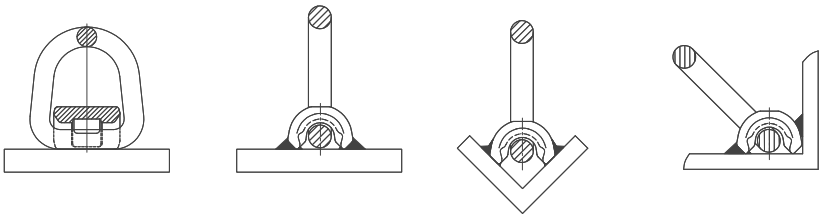


Economic Type



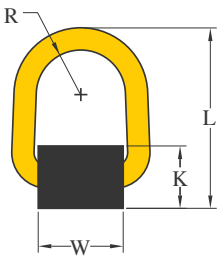
Economic Point

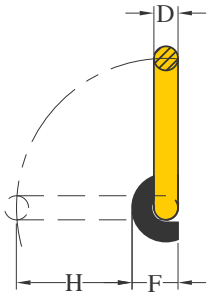
Economic Type Without Spring Inside

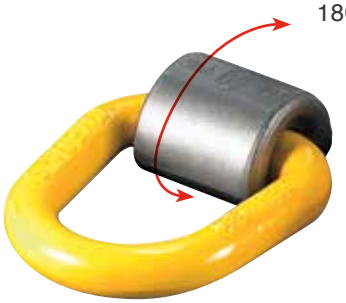


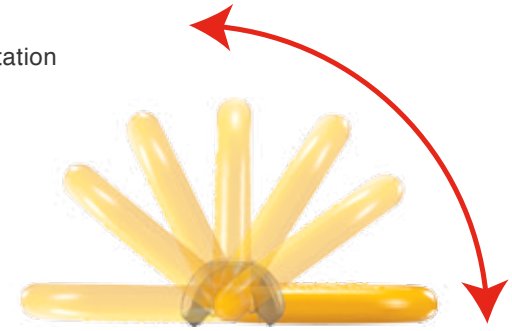
Item No.	Working Load Limit	Dimensions (mm)							N.W.
	tonnes*	D	F	H	K	L	R	W	Kg
8-0573-01	2.0	14	26	56	37	105	24	48	0.5
8-0573-03	3.0	17	31	63	48	112	29	54	0.8
8-0573-05	5.0	22	37	66	56	154	33	56	1.6
8-0573-08	8.0	26	47	88	68	169	34	55	2.5
8-0573-10	10.0	20	47	88	68	191	41	70	2.9
8-0573-20	20.0	25	70	123	93	234	50	91	6.3
8-0573-30	30.0	35	98	145	130	328	70	127	17.2

★ Design factor 4:1





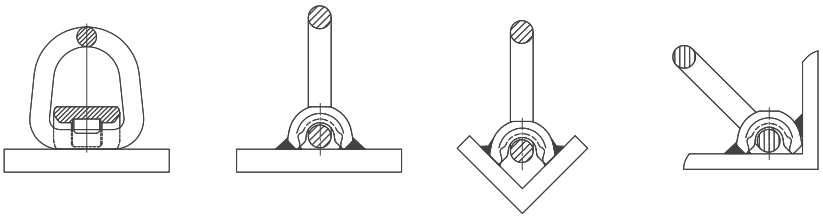




Stop at Any Angle

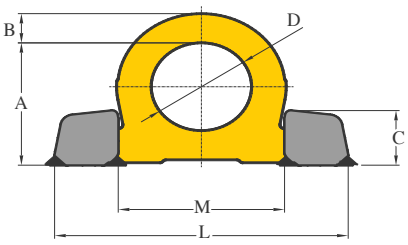
Weld-on Point

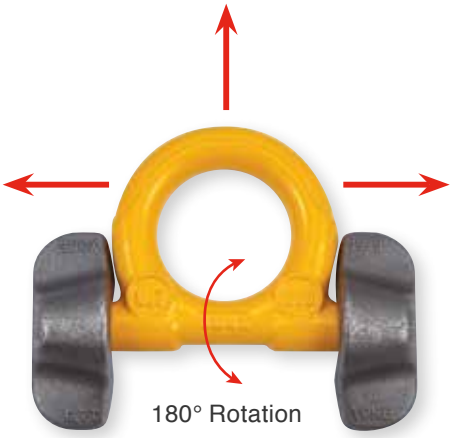
Designed with spring, stop at any angle

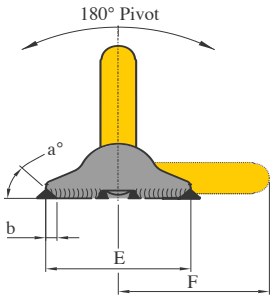


Item No.	Working Load Limit	Dimensions (mm)							N.W.
	tonnes*	D	F	H	K	L	R	W	Kg
8-057-1T	2.0	14	27	55	38	105	24	50	0.5
8-057-3T	3.0	17	34	60	48	112	29	58	0.8
8-057-5T	5.0	22	43	74	61	154	33	64	1.8
8-057-8T	8.0	26	54	82	73	169	34	61	2.6
8-057-10T	10.0	20	54	103	73	191	41	75	3.0

★ Design factor 4:1



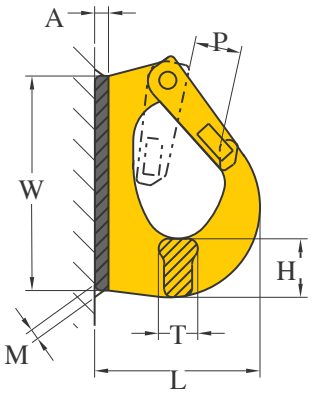


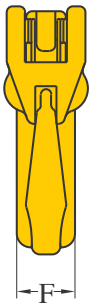


Weld-on Ring

Item No.	Working Load Limit	Dimensions (mm)										N.W.
	tonnes*	A	B	C	D	E	F	L	M	a°	b	Kg
8-082-04	4	66	14	30	48	65	70	135	76	45	5	0.7
8-082-06	6.7	85	20	39	60	89	91	171	98	45	5	1.5
8-082-10	10	95	21	46	65	100	100	196	106	45	7	2.4
8-082-16	16	127	30	57	90	130	136	263	149	45	8	5.5
8-082-30	31.5	178	42	78	130	160	195	375	213	45	15	15.8

★ Design Factor 4:1






Repair Kits

Weld-on Hook

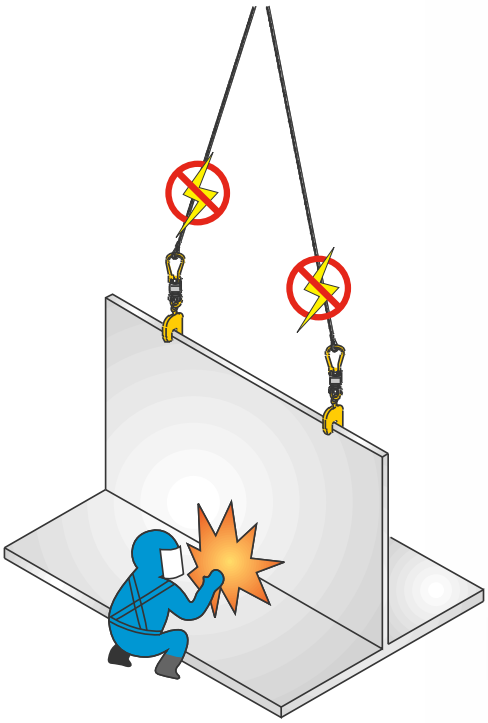
Item No.	Working Load Limit	Dimensions (mm)								Repair	N.W.
	tonnes*	A	F	H	L	M	P	T	W	Kits	Kg
8-081-01	1.0	7	25	27	70	4	18	18	95	**8-P081-01**	0.6
8-081-02	2.0	8	30	30	85	5	25	20	115	**8-P081-02**	1.0
8-081-03	3.0	9	35	30	107	6	28	23	133	**8-P081-03**	1.4
8-081-04	4.0	10	42	38	114	7	28	30	142	**8-P081-04**	2.0
8-081-05	5.0	12	44	47	135	7	30	31	167	**8-P081-05**	3.0
8-081-08	8.0	12	50	52	137	8	32	39	176	**8-P081-08**	3.8
8-081-10	10.0	13	56	56	170	8	44	42	222	**8-P081-10**	6.3
8-081-15	15.0	14	61	67	184	10	54	45	242	**8-P081-15**	7.9

★ Design factor 5:1

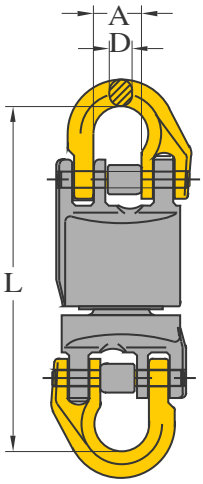
YOKE recommends that the working load limit should be reduced to meet any appropriate legislative requirements, if welding on to an excavator. Please contact your YOKE distributors for further information.

YOKE Insulation Solution

- YOKE Insulated Swivel is designed for winch protection in overhead crane during welding operations.
- Heavy hoisting with a strong but lightweight system.
- Individual swivels & components are 100% proof load tested to a minimum of 2.5 times the working load limit.
- All Swivels are individually tested during manufacturing to assure 1000 Volts insulating property. Test certificate is packaged with each unit shipped.
- YOKE Insulated Swivels are designed with ball bearing which performs to fully swivel under Load.
- Acquired (K 91) certificate approved by Deutsche Gesetzliche Unfallversicherung (DGUV) .



WARNING
NEVER EXCEED PUBLISHED WORKING LOAD LIMIT



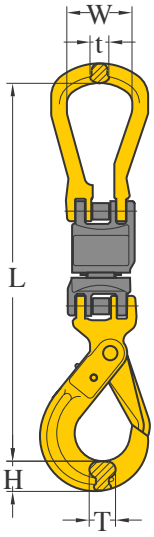
1000 Volts Resistance

Insulated Swivels

with 2 Half Links

Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)			N.W.
	tonnes*	mm	A	D	L	Kg
8-123-07	2.0	7, 8	18	9	131	0.7
8-123-10	3.15	10	25	11	162	1.5
8-123-13	5.3	13	30	16	214	3.3
8-123-16	8.0	16	36	19	243	5.8
8-123-20	12.5	18, 20	42	22	285	9.2

★ Design factor 4:1 proof tested and certified
Tested acc. to EN 1677-1



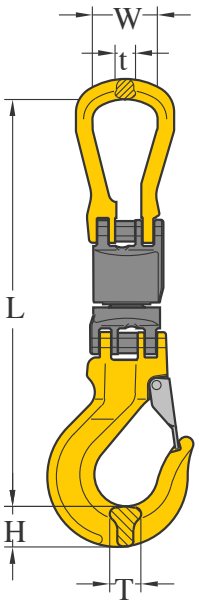
1000 Volts Resistance

Insulated Swivels

with Open Master Link & Coupling Self Locking Hook

Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)					N.W.
	tonnes*	mm	H	L	T	W	t	Kg
8-124-07	2.0	7, 8	24	310	20	50	15	2.1
8-124-10	3.15	10	30	374	26	65	19	3.3
8-124-13	5.3	13	39	471	30	72	23	6.6
8-124-16	8.0	16	49	560	36	80	25	11.6
8-124-20	12.5	18, 20	62	624	48	104	31	18.9

★ Design factor 4:1 proof tested and certified
Tested acc. to EN 1677-1



1000 Volts Resistance

Insulated Swivels

with Open Master Link & Sling Hook

Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)					N.W.
	tonnes*	mm	H	L	T	W	t	Kg
8-125-07	2.0	7, 8	23	267	19	50	15	1.6
8-125-10	3.15	10	31	335	23	65	19	2.8
8-125-13	5.3	13	36	410	28	72	23	5.4
8-125-16	8.0	16	45	484	32	80	25	9.2
8-125-20	12.5	18, 20	48	558	43	104	31	15.0

★ Design factor 4:1 proof tested and certified
Tested acc. to EN 1677-1

NOTE

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Safety is our first priority™

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