

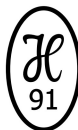


8-2023

Safety is our first priority™



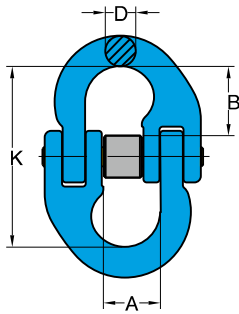
Quality Management System and Product Type Approval:



Industrial Membership:



General Catalog No. 8-2023

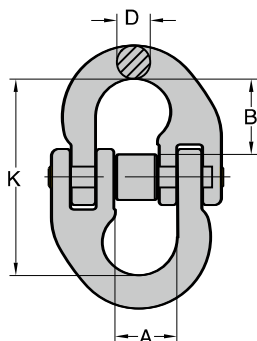


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASTM A952/ A952M.
- Certified by DGUV GS-OA-15-05
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Suitable for use with both Grade 80 and Grade 100 chain.

G-100 Connecting Link

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)				N.W.
	mm	tonnes*	A	B	D	K	kg
X-015-06	6	1.4	15	17	7	45	0.08
X-015-07	7, 8	2.5	18	23	9	59	0.20
X-015-10	10	4.0	25	27	11	69	0.30
X-015-13	13	6.7	30	37	16	92	0.70
X-015-16	16	10.0	36	39	19	101	1.20
X-015-20	20	16.0	42	46	23	122	2.10
X-015-22	22	19.0	49	59	24	152	3.50
X-015-26	26	26.5	55	62	30	162	4.80
X-015-32	32	40.0	69	79	36	203	9.00

★ Design factor 4:1 proof tested and certified.



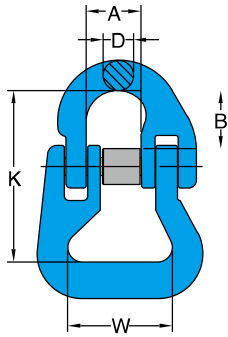
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASTM A952/ A952M.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Suitable for use with both Grade 80 and Grade 100 chain.
- Dacromet surface finish for enhanced corrosion resistance.

G-100 Connecting Link

Dacromet® surface finish**

Item No.	For Grade 100 Chain	WLL tonnes*	Dimensions (mm)				N.W. kg
	mm		A	B	D	K	
X-M015-06	6	1.4	15	18	7	45	0.1
X-M015-07	7, 8	2.5	18	25	9	59	0.2
X-M015-10	10	4.0	25	28	11	69	0.3
X-M015-13	13	6.7	30	38	16	92	0.7
X-M015-16	16	10.0	36	41	19	101	1.2
X-M015-20	20	16.0	42	49	23	122	2.1
X-M015-22	22	19.0	49	63	24	152	3.5
X-M015-26	26	26.5	55	66	30	162	4.8
X-M015-32	32	40.0	69	87	36	203	9.0

★ Design factor 4:1 proof tested and certified.

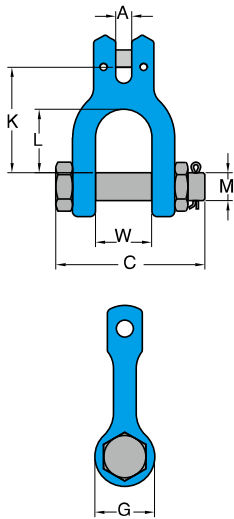


- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1, PAS1061 and ASME B30.26.
- Certified by DGUV GS-OA-15-05.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

G-100 Web Sling Connector

Item No.	WLL	Dimensions (mm)					N.W.
	tonnes*	A	B	D	K	W	kg
X-016-06	1.4	15	17	7	56	39	0.2
X-016-07	2.5	18	23	9	63	39	0.3
X-016-10	4.0	25	27	11	77	46	0.6
X-016-13	6.7	30	37	16	97	53	1.1
X-016-16	10.0	36	39	19	114	66	2.0
X-016-20	16.0	42	46	23	132	79	3.2
X-016-22	19.0	49	59	24	188	124	7.7

★ Design factor 4:1 proof tested and certified.



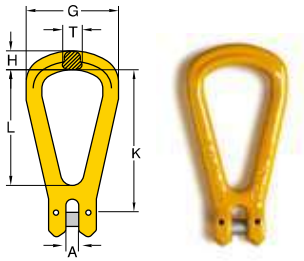
- Quenched and Tempered Alloy Steel.
- At least 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Proof Load tested at 2.5 times the WLL with certification for each batch manufactured.
- Design Factor 4:1.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Magnaflux crack detection is performed 100% on each batch.

G-100 Clevis Shackle

Item No.	For Grade 100 Chain	WLL tonnes*	Dimensions (mm)							N.W. kg
	mm		A	C	G	K	L	M	W	
X-066-07	7,8	2.5	10	81	34	60	36	16	32	0,4
X-066-10	10	4.0	12	94	40	78	48	20	34	0.8
X-066-13	13	6.7	15	121	44	98	64	22	50	1.4
X-066-16	16	10.0	18	140	55	112	67	28	60	2.5

★ Design factor 4:1 proof tested and certified

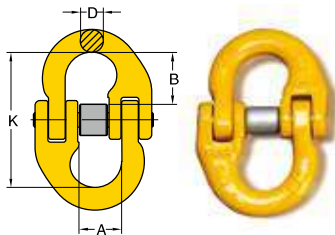
Clevis Master Link.



Item No.	Working Load Limit tonnes*	For Grade 80 Chain mm	Dimensions (mm)						N.W. kg
			A	G	H	K	L	T	
8-059-07	2.0	7, 8	10	65	15	103	83	19	0.4
8-059-10	3.15	10	11	96	19	133	108	19	0.8
8-059-13	5.3	13	15	108	22	168	136	25	1.5
8-059-16	8.0	16	18	124	26	203	165	27	2.4

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

Connecting Link

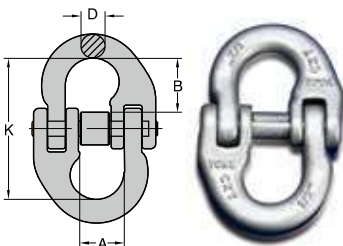


Item No.	Working Load Limit tonnes*	For Grade 80 Chain mm	Dimensions (mm)				N.W. kg
			A	B	D	K	
8-015-06	1.12	6	15	17	7	45	0.1
8-015-07	2.0	7, 8	18	22	9	58	0.2
8-015-10	3.15	10	26	27	11	69	0.3
8-015-13	5.3	13	30	37	15	91	0.7
8-015-16	8.0	16	36	39	19	101	1.1
8-015-20	12.5	18, 20	42	46	22	122	1.9
8-015-22	15.0	22	49	59	24	152	3.0
8-015-26	21.2	26	55	63	30	164	5.0
8-015-32	31.5	32	69	79	36	203	9.0

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

Connecting Link

Dacromet® Surface Finish.**

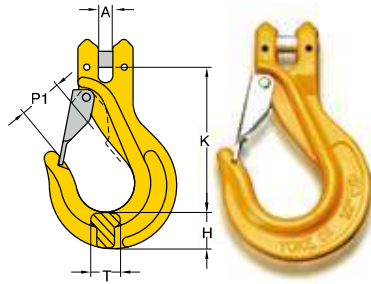


Item No.	Working Load Limit tonnes*	For Grade 80 Chain mm	Dimensions (mm)				N.W. kg
			A	B	D	K	
8-M015-06	1.12	6	15	17	7	45	0.1
8-M015-07	2.0	7, 8	18	24	9	58	0.16
8-M015-10	3.15	10	26	28	11	69	0.3
8-M015-13	5.3	13	30	38	15	91	0.7
8-M015-16	8.0	16	36	41	19	101	1.2
8-M015-20	12.5	18, 20	42	50	22	122	1.9
8-M015-22	15.0	22	49	63	24	152	3.0
8-M015-26	21.2	26	55	66	30	164	4.6
8-M015-32	31.5	32	69	85	36	203	8.5

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

Clevis Sling Hook.

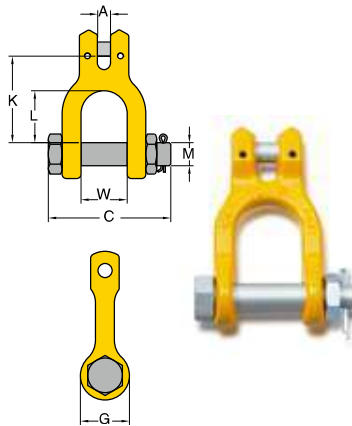
with Latch



Item No.	Working Load Limit tonnes*	For Grade 80 Chain	Dimensions (mm)					N.W. kg
		mm	A	H	K	P1	T	
8-043/S-06	1.12	6	7	18	79	23	15	0.3
8-043/S-07	2.0	7, 8	9	22	98	27	18	0.6
8-043/S-10	3.15	10	12	29	121	34	23	1.2
8-043/S-13	5.3	13	15	37	147	44	30	2.3
8-043/S-16	8.0	16	18	42	166	48	39	3.7
8-043/S-20	12.5	18, 20	21	50	200	56	47	6.5

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

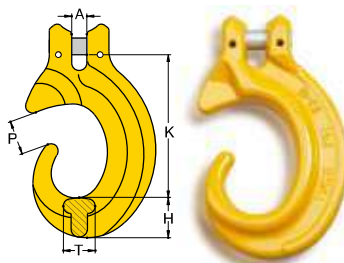
Clevis Shackle.



Item No.	Working Load Limit tonnes*	For Grade 80 Chain	Dimensions (mm)							N.W. kg
		mm	A	C	G	K	L	M	W	
8-066-07	2.0	7, 8	9	79	34	59	35	16	32	0.4
8-066-10	3.15	10	12	93	40	78	48	20	34	0.8
8-066-13	5.3	13	15	118	44	98	64	22	50	1.4
8-066-16	8.0	16	18	141	55	112	68	28	60	2.4

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

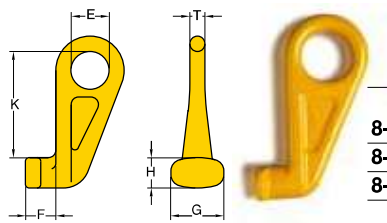
Clevis C Hook.



Item No.	Working Load Limit tonnes*	For Grade 80 Chain	Dimensions (mm)					N.W. kg
		mm	A	H	K	P	T	
8-097-07	2.0	7, 8	9	22	80	19	18	0.5
8-097-10	3.15	10	12	26	103	26	24	0.9
8-097-13	5.3	13	15	34	135	34	32	2.1
8-097-16	8.0	16	18	45	160	38	37	3.8

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

Eye Container Hook.



Item No.	Dsc.	Working Load Limit	Dimensions (mm)							N.W.
		tonnes*	E	F	G	H	K	T		kg
8-067-STR	Straight	12.5	70	45	75	48	192	25		3.9
8-067-45LT	Left 45°	12.5	70	45	75	48	192	25		3.9
8-067-45RH	Right 45°	12.5	70	45	75	48	192	25		3.9

8-067-45LT

8-067-45RH

8-067-STR

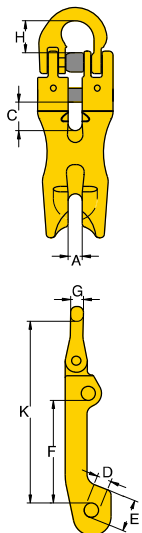


★ Design factor 4:1 proof tested and certified.



Shortening Clutch

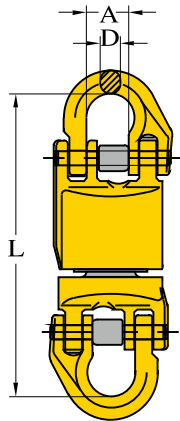
with Half Link



Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)								N.W.
	tonnes*	mm	A	C	D	E	F	H	G	K	kg
8-078-07	2.0	7, 8	12	20	10	23	70	22	9	128	0.7
8-078-10	3.15	10	13	26	12	29	87	26	11	154	1.3
8-078-13	5.3	13	15	33	16	37	115	36	15	203	2.8
8-078-16	8.0	16	21	39	19	46	143	39	19	248	5.3

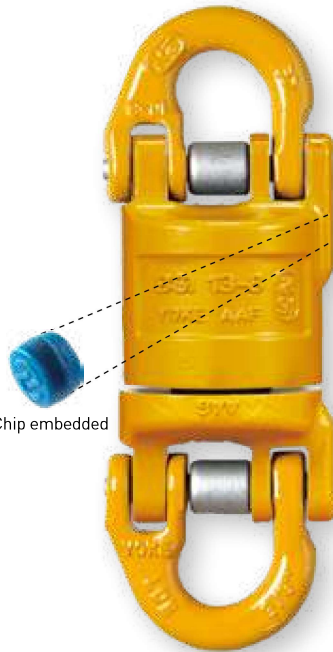
★ Design factor 4:1 proof tested and certified.
Tested acc. to EN 1677





Digital Chip embedded

1000 Volts Resistance



Digital Chip embedded with Certificate for serial Traceability

- Individually tested to resist 1000 Volts insulated with Test Certificate.
- Design for protection Winch of overhead crane during welding operations on suspended loads.

Insulated Swivel Connectors

Item No.	Working Load Limit tonnes*	For Grade 80 Chain mm	Dimensions (mm)			N.W. kg
			A	D	L	
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	3.2
8-123-16	8.0	16	36	19	243	5.4
8-123-20	12.5	18, 20	42	22	285	9.0

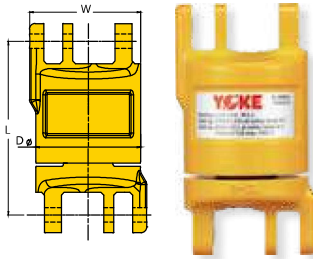
★ Design factor 4:1 proof tested and certified
Tested acc. to EN 1677

Insulated Blank Swivels.

with Ball Bearing

Individually tested to resist 1000 Volts insulated with Test Certificate.

Design for protection of overhead crane during welding operations on suspended loads.



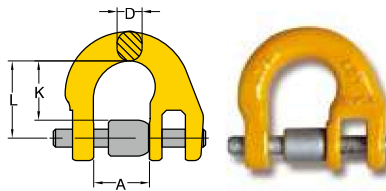
1000 Volts Resistance

Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)			N.W.
	tonnes*	mm	L	D	W	kg
8-088N-07	2.0	7, 8	75	48	50	0.7
8-088N-10	3.15	10	97	58	62	1.3
8-088N-13	5.3	13	123	74	78.5	2.7
8-088N-16	8.0	16	143	90	95	4.7
8-088N-20	12.5	18, 20	164	105	110	7.0

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

Half Coupling Link.

with Coupling Pin and Sleeve Locking

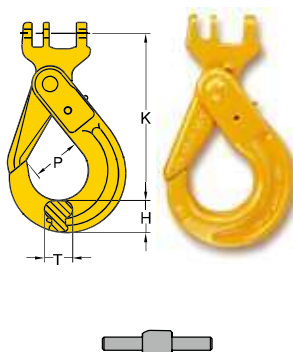


Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)				N.W.
	tonnes*	mm	A	D	K	L	kg
8-054-06	1.12	6	15	7	17	22	0.1
8-054-07	2.0	7, 8	18	9	22	28	0.1
8-054-10	3.15	10	25	11	26	34	0.2
8-054-13	5.3	13	30	16	35	45	0.4
8-054-16	8.0	16	36	19	38	50	0.6
8-054-20	12.5	18, 20	42	22	46	60	1.1
8-054-22	15.0	22	49	24	59	76	1.7
8-054-26	21.2	26	55	30	62	80	2.7
8-054-32	31.5	32	69	36	79	100	5.0

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

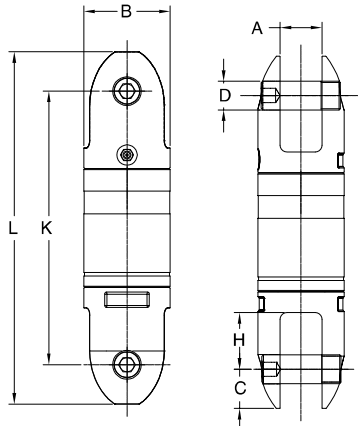
Coupling Self Locking Hook.

with Coupling Pin and Sleeve



Item No.	Working Load Limit	For Grade 80 Chain	Dimensions (mm)				N.W.
	tonnes*	mm	H	K	P	T	kg
8-023-06	1.12	6	19	105	29	15	0.5
8-023-07	2.0	7, 8	24	136	34	20	0.8
8-023-10	3.15	10	30	154	44	26	1.3
8-023-13	5.3	13	39	202	55	30	2.8
8-023-16	8.0	16	49	242	60	36	5.7
8-023-20	12.5	18, 20	62	257	90	48	8.5
8-023-22	15.0	22	63	304	80	49	11.0
8-023-26	21.2	26	69	329	99	56	15.0

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



- YOKE Swivels are manufactured using the highest grade of material available.
- YOKE Swivels are designed with a safety factor of 5:1.
- YOKE Swivels are available in sizes from 3/4 Tons to 35 Tons.
- YOKE Swivels are available for wire lines 1/4" to 1-1/2".
- YOKE Swivels are zinc plated for corrosion resistance and longer life.
- YOKE Swivels are manufactured with grease fittings for superior performance.
- YOKE Swivels are designed for low starting torque and high rotation speed.
- All Swivels parts are 100% magnaflux crack detected.
- 20,000 cycle fatigue rate to 1.5 times working load limit.
- All parts with batch number for quality certified and traceability.

Digital Chip embedded
with Certificate
for serial Traceability

Angular Contact Bearing Swivels - Bullet Style

Item No.	Wire Line Size	Working Load Limit	Dimensions (inch)							N.W.
	inch	Tons*	B	K	L	C	A	D	H	lbs
8-301-0075	1/4	0.75	1.30	4.00	5.00	0.50	0.60	0.40	0.90	1.1
8-301-015	3/8	1.5	1.60	4.40	5.70	0.60	0.70	0.50	1.00	1.7
8-301-03	1/2	3	2.00	6.30	8.00	0.90	0.90	0.60	1.20	4.4
8-301-05	5/8	5	2.50	8.00	10.30	1.20	1.30	0.90	1.50	8.7
8-301-085	3/4	8.5	3.00	9.50	12.30	1.40	1.50	1.00	2.00	14.8
8-301-10	7/8	10	4.00	12.50	16.00	1.80	1.70	1.50	2.10	40.0
8-301-15	1	15	4.30	12.50	16.00	1.80	2.00	1.50	2.20	46.2
8-301-25	1 1/4	25	5.20	14.70	19.50	2.40	2.50	2.00	2.70	80.5

★ Minimum Ultimate Load is 5 times the Working Load Limit.
Maximun Proof Load is 2 times the Working Load Limit.

Item No.	Wire Line Size	Working Load Limit	Dimensions (mm)							N.W.
	mm	Tons*	B	K	L	C	A	D	H	kg
8-301-0075	6	0.75	32	103	126	12	15	10	22	0.5
8-301-015	10	1.5	40	112	144	16	18	11	26	0.8
8-301-03	13	3	51	159	203	23	23	16	31	2.0
8-301-05	16	5	64	200	262	31	32	22	37	4.0
8-301-085	19	8.5	76	242	312	35	37	25	50	6.7
8-301-10	22	10	102	317	408	46	42	38	53	18.2
8-301-15	25	15	108	317	408	46	48	38	56	21.0
8-301-25	32	25	132	374	495	61	62	51	69	36.5

★ Minimum Ultimate Load is 5 times the Working Load Limit.
Maximun Proof Load is 2 times the Working Load Limit.