YOKE®

EXTREME-100

Safety is our first priority™

Catalog No. 8-2017 Extreme-100

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 SABS, ZU, 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, each individually magnaflux detected after heat treatment.

Proof Load Testing:

Chain and components are proof load tested at 2.5 times the Working Load Limits with resultant permanent deformation within 1%.

Dynamic Fatigue Testing:

Batch samples of chain and components are Dynamic Fatigue Tested at 1.5 times Working Load Limit for 20,000 cycles.

Ultimate Breaking Load Testing:

Batch samples are Break Load Tested in a static tensile testing machine to ultimate failure. The minimum ultimate force is equal to the Working Load Limit times the safety factor.

Spectrographic Analysis:

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

Eddy Current Detection:

All load pins are 100% individually inspected after heat treatment.

Test certificate











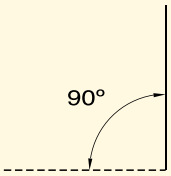

YOKE

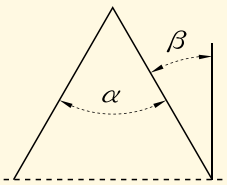
EXTREME-100

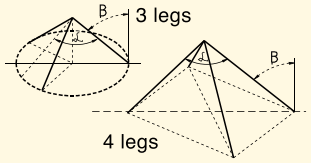
DANGER: Overhead lifting presents a very real danger of severe injury or loss of life if lifting equipment is not used properly.Please read and understand all of these instructions prior to using any lifting sling or sling assembly. Sling should only be used by qualified persons who are responsible for the sling selection, inspection and use.

Grade 100 Chain Sling Components

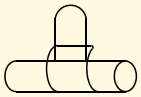
WORKING LOAD LIMITS IN TONNES acc. to PAS 1061







Choke endless sling



Load Factor	1	1.4	1	2.1	1.5	1.6
For Chain Size mm	tonnes	**β** 0 - 45° α 0 - 90°	45° - 60° 90° - 120°	**β** 0 - 45° α 0 - 90°	45° - 60° 90° - 120°	
6	1.4	2.0	1.4	2.9	2.1	2.2
7	1.9	2.7	1.9	4.0	2.9	3.0
8	2.5	3.5	2.5	5.3	3.8	4.0
10	4.0	5.6	4.0	8.4	6.0	6.4
13	6.7	9.4	6.7	14.1	10.1	10.7
16	10.0	14	10.0	21.0	15.0	16.0
20	16.0	22.4	16.0	33.6	24.0	25.6
22	19.0	26.5	19.0	39.9	28.5	30.4
26	26.5	37.1	26.5	55.7	39.8	42.4
32	40.0	56.0	40.0	84.0	60.0	64.0

** Safety factor 4:1 Above limits are valid for standard use and equally loaded slings. Properly used and maintained your YOKE chain slings will give long life and will enable you to carry out your lifting operations efficiently and safety.

Warning: Never exceed a Vertical sling angle of 60°

SAFE USE

- Never load in excess of the rated capacity for the application.
- Keep a record of all slings in use.
- User should remove all twists from a chain leg before lifting and, should never knot a chain.
- Always use YOKE shortening hook or clutch when chain slings should be shortened.
- Always inspect to insure that chain is free from damage or wear before use.
- Always inspect all sling components prior to each use.
- Ensure that chain is protected from any sharp corners on the load.
- Ensure that the master link articulates freely on the hook of the crane or other lifting appliance.
- Never tip load hooks. The load should always be supported correctly in the bowl of the hook.
- Always use the correct size sling for the load, allowing for the included angle and the possibility of unequal loading.
- Personnel must keep all body parts from between the sling and the load, and from between the sling and the crane/hoist hook. Persons shall never ride the chain sling/rope sling or web sling or the load during lifting or while suspended. Persons must stand clear of all loads while lifting or while suspended. During lifting, with or without the load, personnel must be alert for possible snagging of the load or the chain sling.

MAINTENANCE

- A thorough examination should be carried out by a competent person at intervals at least every year or more frequently according to statutory regulations, type of use and past records.
- Chains with bent links or with cracks or gouges in the link should be replaced , as should deformed components such as bent master links , deformed hooks and any fittings showing signs of damage.
- Chain and components wear should never exceed 10%of the original dimensions.
- Once a chain sling has been overloaded it must be taken out of service.
- Store chain slings on a properly designed rack. They should not be left lying on the floor where they may suffer mechanical or corrosion damage or may be lost.

LIMITATION ON USE

- YOKE alloy chain or chain slings should not be used in acid or caustic solutions nor in heavily acidic or caustic laden atmospheres. The high tensile strength of the heat treated alloy material in alloy steel chains and components is susceptible to hydrogen embrittlement when exposed to acids.

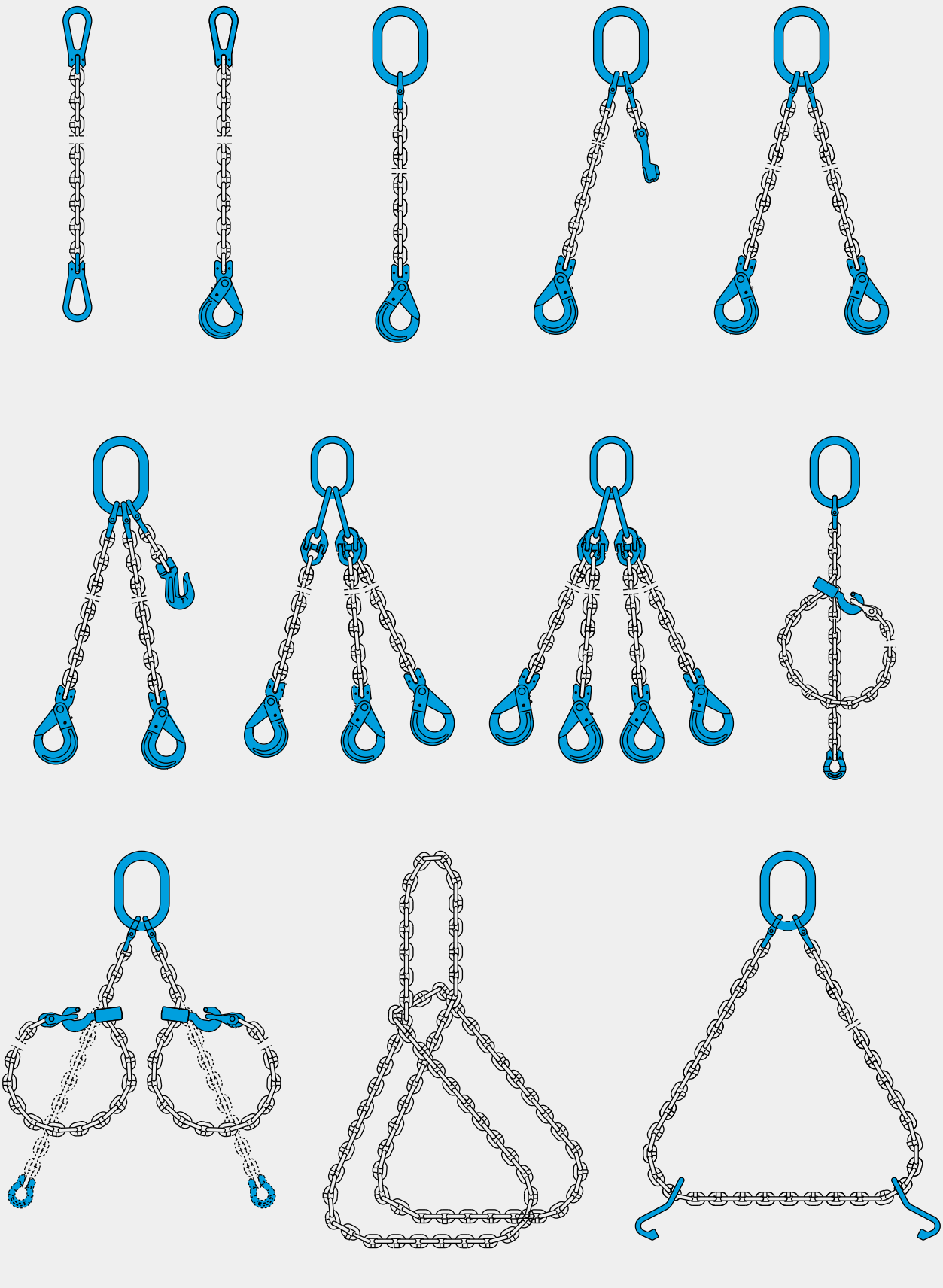
- YOKE slings must not be heat-treated, galvanized, plated, coated or subject to any process involving heating or picking. Each of these processes can have dangerous effects and will invalidate the manufacturer certificate.

- YOKE slings may be used at temperatures between -40°C to 200°C with no reduction in the working load limit . The use of YOKE chain slings within the permissible temperature range in the table below does not require any permanent reduction in working load limit when the chain sling is returned to normal temperatures. A sling accidentally exposed to temperatures in excess of the maximum permissible should be withdrawn form service immediately and returned to the distributor for thorough examination.

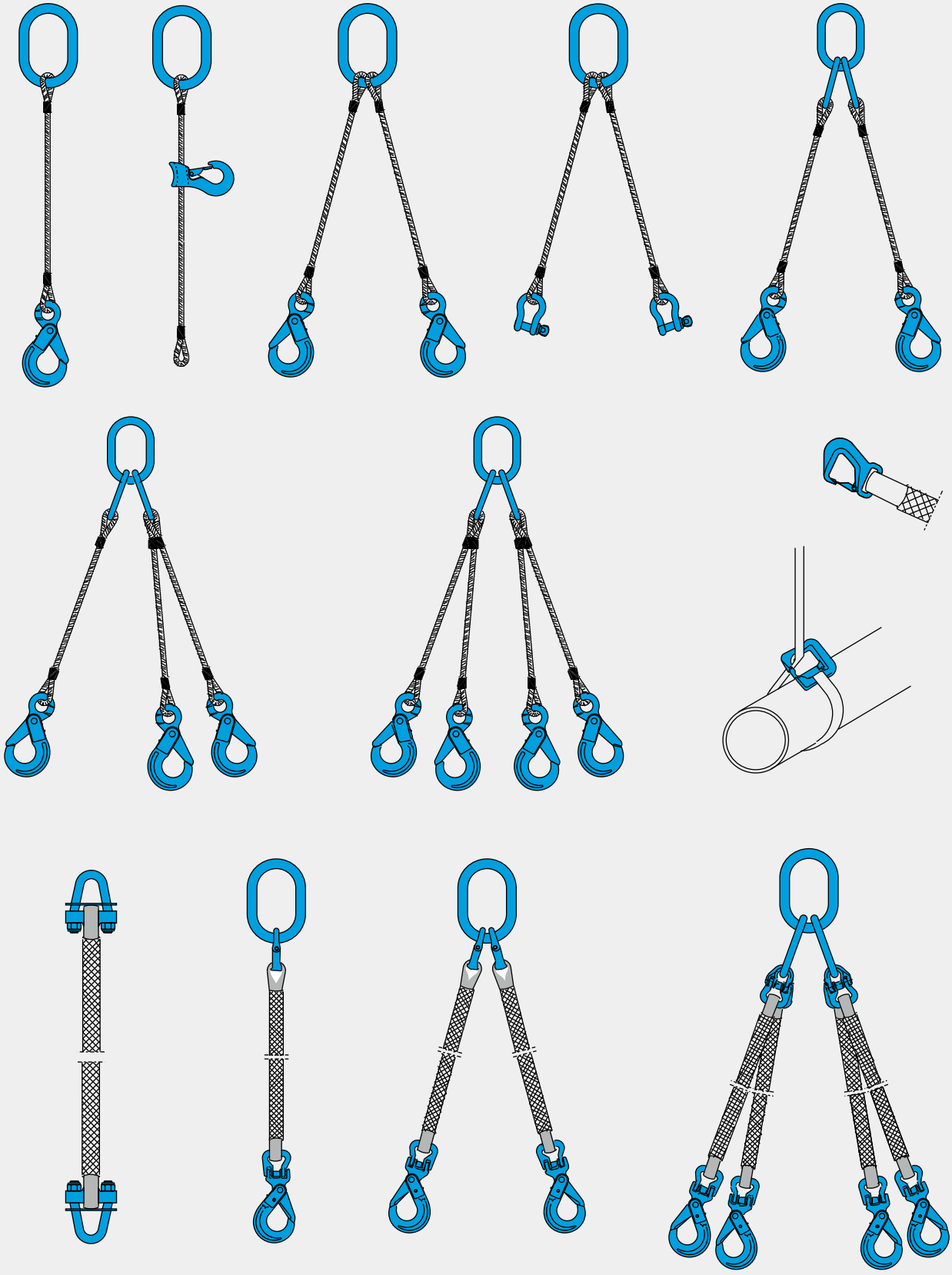
- When using YOKE slings in exceptionally hazardous conditions, the degree of hazard should be assessed by a competent person and the Working Load Limit adjusted accordingly. Examples are lifting of potentially dangerous loads such as molten metals, corrosive materials or fissile material and including certain offshore activities.

Sling temperature	Reduction in working Load Limit
−40℃ to 200℃	None
200℃ to 300℃	10%
300℃ to 400℃	25%
Above 400℃	Do not use.

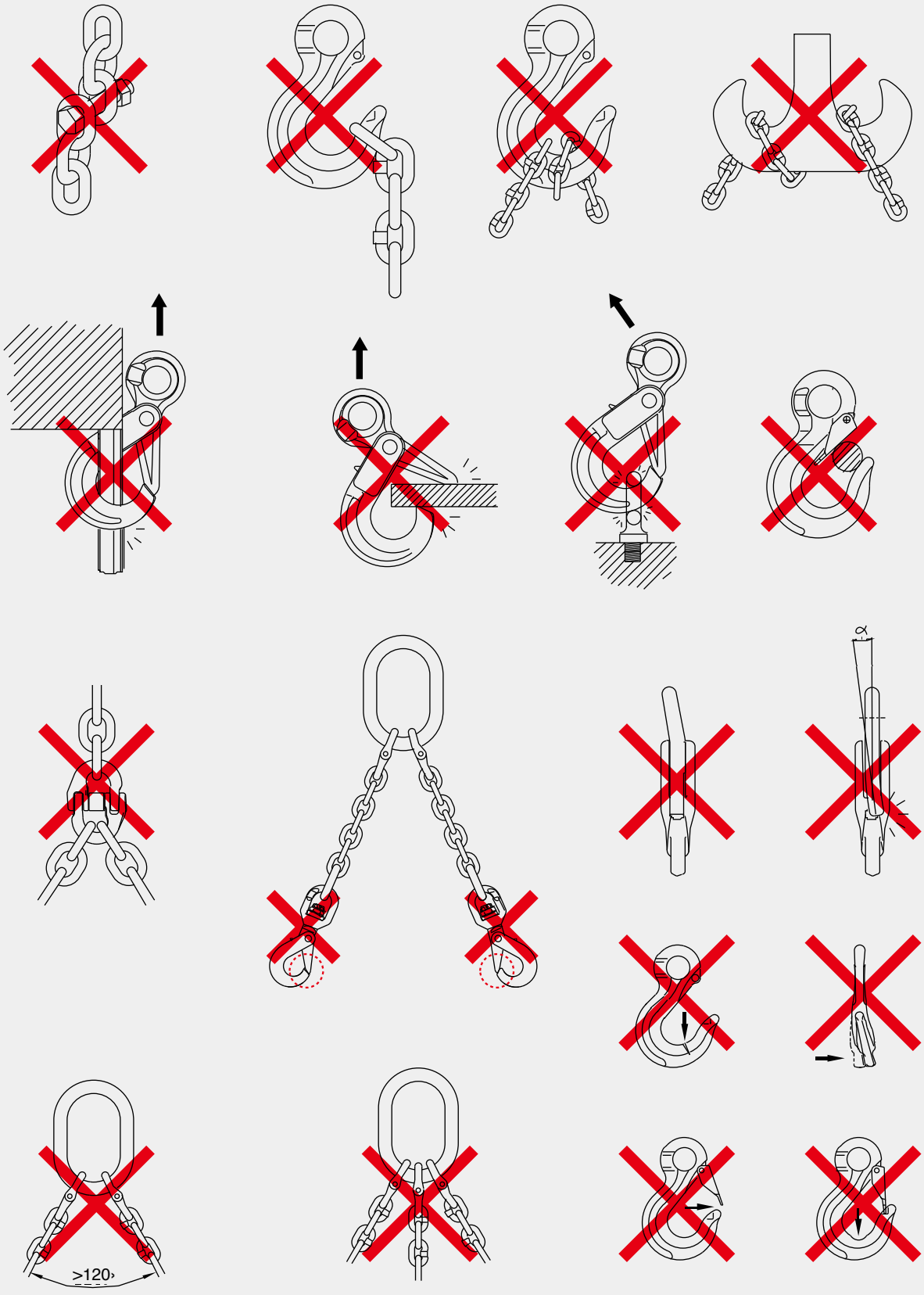
Examples Of Chain Slings



Examples Of Wire Rope Sling & Web Sling



Incorrect Use



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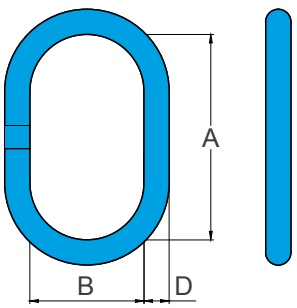
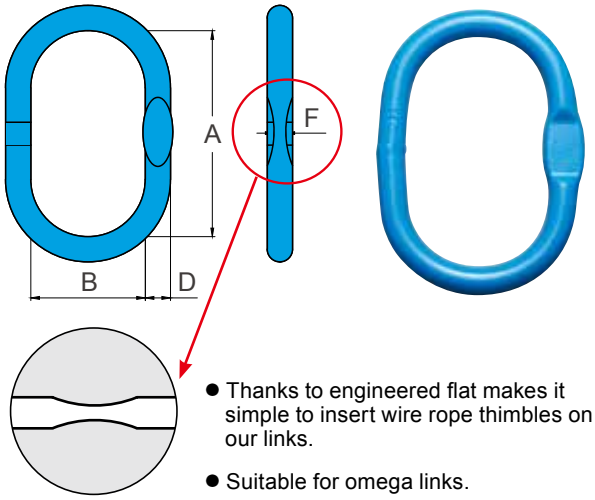


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 4 and ASTM ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 5:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Welded Master Link Assembly for 1-2 legs Wire Rope and Chain Slings.
- Each Link with traceability code links to test certificate sheet.

G-100 Enlarged Welded Master Link

Item No.	For Grade 100 Chain (mm)		WLL β 0-45°	Proof Load	Dimensions (mm)			N.W.
	1-leg	2-leg	tonnes	kN	A	B	D	kg
X-001-13	6,7,8	6,7	2.8	69	120	60	13	0.34
X-001-16	10	8	4	98	160	90	16	0.84
X-001-19	13	10	6.7	164	160	90	19	1.1
X-001-22	13	10	8.5	208	180	100	22	1.6
X-001-25	16	13	11.5	282	210	115	25	2.4
X-001-28	16	13	13	319	275	145	28	3.9
X-001-32	20	16	17	417	275	145	32	5.2
X-001-36	22	20	24	588	285	155	36	6.9
X-001-40	26	22	28.1	689	300	160	40	9.0
X-001-45	26	26	38.3	939	340	180	45	12.8
X-001-50	32	26	45	1,103	350	195	50	16.6
X-001-60	32	32	65	1,593	430	230	60	29.2
X-001-70	-	-	85	2,083	480	260	70	44.3
X-001-90	-	-	150	3,675	500	300	90	86.0

★ Design factor 5:1 proof tested and certified.



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G-100 Enlarged Welded Master Link

with engineered flat

Item No.	For Grade 100 Chain (mm)		WLL β 0-45°	Proof Load	Dimensions (mm)				N.W.
	1-leg	2-leg	tonnes	kN	A	B	D	F	kg
X-001F-13	6,7,8	6,7	2.8	69	120	60	13	6.0	0.34
X-001F-16	10	8	4	98	160	90	16	7.5	0.84
X-001F-19	13	10	6.7	164	160	90	19	7.5	1.1
X-001F-22	13	10	8.5	208	180	100	22	10.5	1.6
X-001F-25	16	13	11.5	282	210	115	25	13.5	2.4
X-001F-28	16	13	13	319	275	145	28	13.5	3.9
X-001F-32	20	16	17	417	275	145	32	15.5	5.2
X-001F-36	22	20	24	588	285	155	36	18.5	6.9
X-001F-40	26	22	28.1	689	300	160	40	20.0	9.0
X-001F-45	26	26	38.3	939	340	180	45	22.5	12.8
X-001F-50	32	26	45	1,103	350	195	50	25.0	16.6
X-001F-60	32	32	65	1,593	430	230	60	30.0	29.2
X-001F-70	-	-	85	2,083	480	260	70	35.0	44.3
X-001F-90	-	-	150	3,675	500	300	90	45.0	86.0

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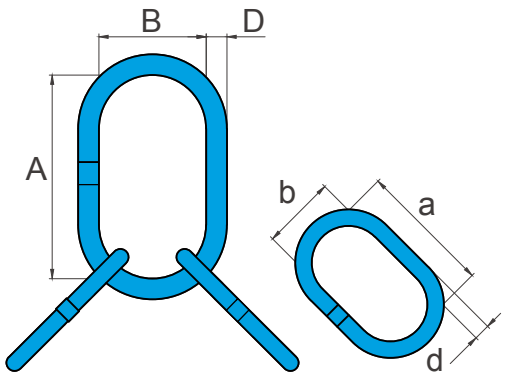

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- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 5:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Welded Master Link Assembly for 3-4 legs Wire Rope and Chain Slings.
- Each Link with traceability code links to test certificate sheet.

G-100 Enlarged Welded Master Link Assembly

Item No.	For Grade 100 Chain (mm)	WLL β 0-45°	Proof Load	Dimensions (mm)						N.W.
	3 and 4-leg	tonnes	kN	A	a	B	b	D	d	kg
X-007-20	7,8	5.3	130	160	140	90	70	20	16	2.5
X-007-25	10	8.9	218	275	160	145	90	25	19	4.5
X-007-28	10	12.9	316	275	180	145	100	28	22	7.1
X-007-32	13	17.0	417	275	210	145	115	32	25	10.0
X-007-36	16	23.6	579	275	190	145	100	36	28	12.2
X-007-40	16	28.1	689	300	275	160	145	40	32	19.3
X-007-45	20	38.3	939	340	285	180	155	45	36	26.6
X-007-50	22	45.0	1,103	350	260	195	130	50	40	32.3
X-007-60	26	65.0	1,593	430	350	230	195	60	50	63.9
X-007-70	32	85.0	2,083	480	410	260	220	70	60	102.6
X-007-90	-	150.0	3,675	500	400	300	200	90	70	164.0

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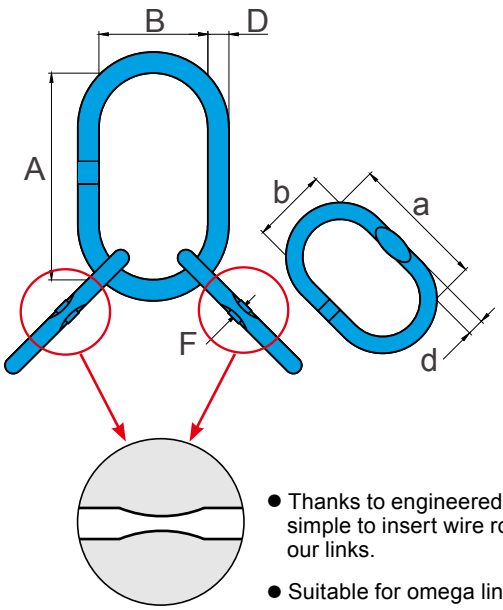

- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 4 and ASTM ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 5:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Welded Master Link Assembly for 3-4 legs Wire Rope and Chain Slings.
- Each Link with traceability code links to test certificate sheet.

- Thanks to engineered flat makes it simple to insert wire rope thimbles on our links.
- Suitable for omega links.

G-100 Enlarged Welded Master Link Assembly

with engineered flat

Item No.	For Grade 100 Chain (mm)	WLL β 0-45°	Proof Load	Dimensions (mm)							N.W.
	3 and 4-leg	tonnes	kN	A	a	B	b	D	d	F	kg
X-007F-20	7,8	5.3	130	160	140	90	70	20	16	7.5	2.5
X-007F-25	10	8.9	218	275	160	145	90	25	19	10.5	4.5
X-007F-28	10	12.9	316	275	180	145	100	28	22	13.5	7.1
X-007F-32	13	17.0	417	275	210	145	115	32	25	15.5	10.0
X-007F-36	16	23.6	579	275	190	145	100	36	28	15.5	12.2
X-007F-40	16	28.1	689	300	275	160	145	40	32	18.5	19.3
X-007F-45	20	38.3	939	340	285	180	155	45	36	18.5	26.6
X-007F-50	22	45.0	1,103	350	260	195	130	50	40	20.0	32.3
X-007F-60	26	65.0	1,593	430	350	230	195	60	50	25.0	63.9
X-007F-70	32	85.0	2,083	480	410	260	220	70	60	30.0	102.6
X-007F-90	-	150.0	3,675	500	400	300	200	90	70	35.0	164.0

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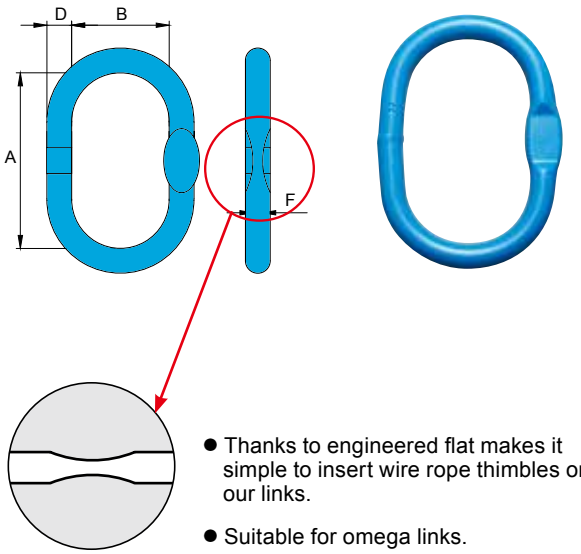

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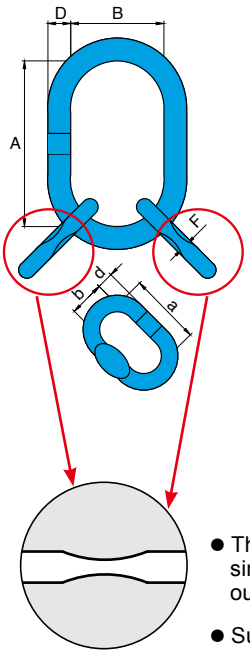
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 4 and ASTM ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Welded Master Link Assembly for 1-2 legs Wire Rope and Chain Slings.
- Each Link with traceability code links to test certificate sheet.

G-100 Welded EN Master Link

with engineered flat

Item No.	WLL β0-45°	For Grade 100 Chain (mm)		Proof Load	Dimensions (mm)				N.W.
	tonnes	1-leg	2-leg	kN	A	B	D	F	kg
X-002F-06	2.8	6,7,8	6,7	69	110	60	13	6	0.3
X-002F-07	4	10	7,8	98	110	60	16	7.5	0.5
X-002F-10	6.7	13	10	164	135	75	19	7.5	0.9
X-002F-13	8.5	13	10	208	160	90	22	10.5	1.5
X-002F-16	11.5	16	13	282	180	100	25	13.5	2.2
X-002F-20	17.0	20	16	417	200	110	32	15.5	4.0
X-002F-22	25.1	22	20	615	260	140	36	18.5	6.3
X-002F-26	38.3	26	22	938	300	180	45	23.0	11.8
X-002F-32	45.0	32	32	1103	300	200	50	25.0	15.2

★ Design factor 4:1 proof tested and certified.



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- Suitable for omega links.

- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 4 and ASTM ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Welded Master Link Assembly for 3-4 legs Wire Rope and Chain Slings.
- Each Link with traceability code links to test certificate sheet.

G-100 Welded EN Master Link Assembly

with engineered flat

Item No.	For Grade 100 Chain (mm)	WLL β 0-45°	Proof Load	Dimensions (mm)							N.W.
	3 and 4-leg	tonnes*	kN	A	a	B	b	D	d	F	kg
X-006F-06	6	4.2	103	135	54	75	25	19	13	6	1.3
X-006F-07	7,8	8.2	187	160	70	90	34	22	16	7.5	2.2
X-006F-10	10	10.7	236	180	85	100	40	25	19	10.5	3.4
X-006F-13	13	14.1	343	200	115	110	50	32	22	13.5	6.1
X-006F-16	16	21.2	520	260	140	140	65	36	25	15.5	9.7
X-006F-20	20	34.1	689	300	150	200	70	50	32	18.5	21.3
X-006F-22	22	40.0	980	300	170	200	75	50	36	18.5	23.8
X-006F-26	26	56.0	1,373	400	170	200	80	60	45	23	41.3
X-006F-32	32	85.0	2,085	460	200	250	100	70	50	25	66.6

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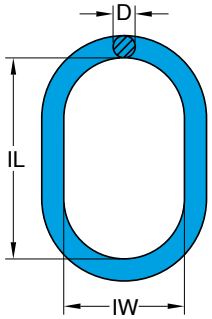

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- Minimum 25% greater WLL than traditional G80 products.
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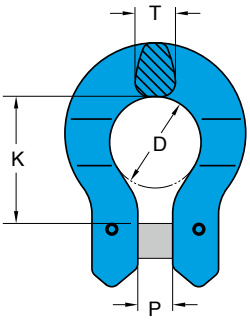
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Designed for Wire Rope and Chain.
- Each Link with traceability code links to test certificate sheet.

G-100 Forged Oblong Master Link

Item No.	For Grade 100 Chain (mm)		WLL β 0-45°	Dimensions (mm)			N.W.
	1-leg	2-leg	tonnes	D	IL	IW	kg
X-003-06	6	-	1.4	11	100	60	0.2
X-003-0806	7, 8	6	2.9	14	120	70	0.5
X-003-1008	10	7, 8	5.3	17	140	80	0.7
X-003-13	13	-	6.7	19	150	90	1.1
X-003-1310	13	10	8.4	22	160	95	1.5
X-003-16	16	-	10.0	25	190	110	2.3
X-003-1613	16	13	14.1	28	180	105	2.7
X-003-19	19, 20	-	16.0	30	200	120	3.5
X-003-2216	22	16	21.0	34	240	140	5.3
X-003-26	26	-	26.5	38	250	150	7.4
X-003-2619	26	19, 20	33.6	40	250	150	8.3
X-003-3222	32	22	39.9	45	300	180	12.3

★ Design factor 4:1 proof tested and certified.



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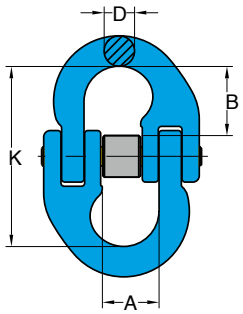
- Manufactured in accordance with EN 1677- 4 and ASTM ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.
- Dedicated to connect Grade 100 chain fittings featured “Engineered Flat" to Grade 100 chains.
- Compatible with YOKE master links X-001F and X-002 F series.
- Dual locking pins that provide safer locking mechanism.
- Simple assembly and disassembly without special tool required.

G-100 Omega Link

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)				N.W.
	mm	tonnes	D	K	P	T	kg
X-018-06	6	1.4	21	30	6.7	9	0.1
X-018-07	7, 8	2.5	27	36	9.3	11	0.2
X-018-10	10	4	32	44	11.75	15	0.4
X-018-13	13	6.7	42	55	15.5	17	0.8
X-018-16	16	10.0	50	69	18	22	1.6
X-018-20	18, 20	16.0	58	71	21.5	28	2.1

★ Desgin factor 4:1 proof tested and certificated



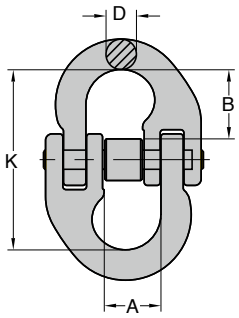
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASTM A952/ A 952M, DIN PAS 1061.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Suitable for use with both Grade 80 and Grade 100 chain.


X-P015

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	18	7	45	0.08
X-015-07	7, 8	2.5	18	25	9	59	0.2
X-015-10	10	4.0	25	28	11	69	0.3
X-015-13	13	6.7	30	38	16	92	0.7
X-015-16	16	10.0	36	41	19	101	1.2
X-015-20	20	16.0	42	50	23	122	2.1
X-015-22	22	19.0	49	63	24	152	3.5
X-015-26	26	26.5	55	66	30	162	4.8
X-015-32	32	40.0	69	85	36	203	9.0

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASTM A952/ A 952M, DIN PAS 1061.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- 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.


X-PM015

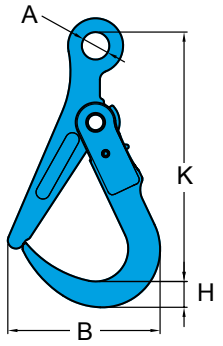
special pin and sleeve designed
for more often re-use purpose.

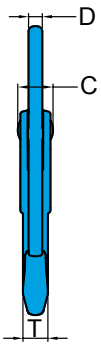
G-100 Connecting Link

Dacromet® surface finish**

Item No.	For Grade 100 Chain	WLL		Dimensions (mm)			N.W.
	mm	tonnes*	A	B	D	K	kg
X-M015-06	6	1.4	15	18	7	45	0.08
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	50	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	4.9
X-M015-32	32	40.0	69	85	36	203	9.3

★ Design factor 4:1 proof tested and certified.



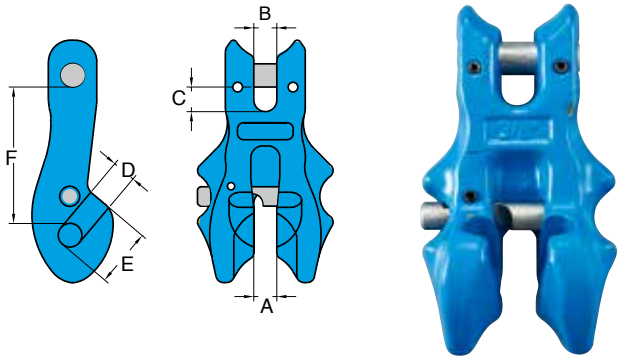


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Super Lock Hook

Item No.	WLL	Dimensions (mm)								N.W.
	tonnes	A	B	C	D	H	K	P	T	kg
X-019-02	2.50	32	177	41	16	30	290	108	29	3.5
X-019-03	3.75	32	177	41	16	30	290	108	29	3.5

★ Desgin factor 4:1 proof tested and certified.

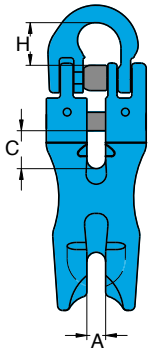


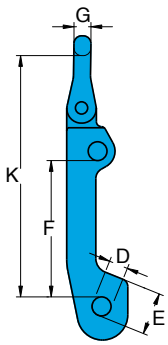
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- The use of Clevis Clutch still allows 100% of the chain sling capacity.

G-100 Clevis Clutch - Locking Type

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)						N.W.
	mm	tonnes	A	B	C	D	E	F	kg
X-061-06	6	1.4	7	7	10	7	18	50	0.3
X-061-07	7, 8	2.5	10	10	10	10	24	56	0.5
X-061-10	10	4.0	12	12	12	12	28	66	0.9
X-061-13	13	6.7	15	15	16	16	39	88	2.2
X-061-16	16	10.0	18	21	19	19	48	103	3.7
X-061-20	18, 20	16.0	22	23	23	21	55	132	5.8

★ Design factor 4:1 proof testes and certificated.





- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Dual locking pins that provide safer locking mechanism.
- Simple assembly and disassembly without special tool required.

G-100 Shortening Clutch

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)								N.W.
	mm	tonnes	A	C	D	E	F	H	G	K	kg
X-078-07	7, 8	2.5	12	20	10	23	70	22	9	128	0.7
X-078-10	10	4	13	26	12	29	87	26	11	154	1.3
X-078-13	13	6.7	15	33	16	37	115	36	15	203	2.8
X-078-16	16	10	21	39	19	46	143	39	19	248	5.3

★ Design factor 4:1 proof testes and certificated.

YOKE

YOKE®

Safety is our first priority™

New!

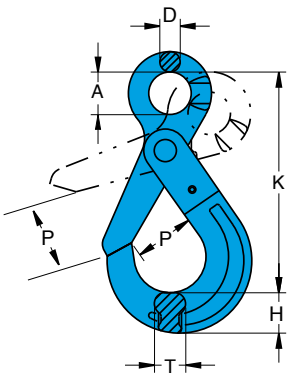
Safety Triggers

Quality approval by:

API Spec Q1 Registered
Q1 0467

QMS REGISTERED
QMS 0726

QUALITY SYSTEM CERTIFICATION ISO 9001:2008 DNV

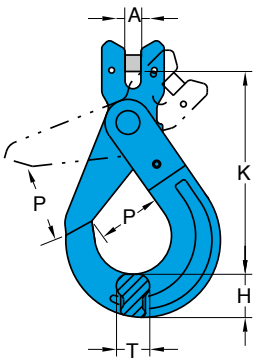


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1, 2.5 times WLL proof tested and certified.
- 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 Eye Self Locking Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)						N.W.
	mm	tonnes*	A	D	H	K	P	T	kg
X-025-06	6	1.4	21	10	19	110	28	15	0.5
X-025-07	7, 8	2.5	25	11	24	136	34	20	0.8
X-025-10	10	4.0	32	13	30	167	44	26	1.5
X-025-13	13	6.7	40	16	39	207	51	30	3.0
X-025-16	16	10.0	50	21	49	252	60	36	5.8
X-025-20	20	16.0	60	23	65	290	70	53	10.0
X-025-22	22	19.0	70	24	63	319	80	49	12.5
X-025-26	26	26.5	80	25	69	343	99	56	15.0

★ Design factor 4:1 proof tested and certified.

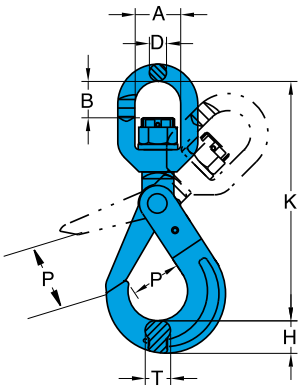


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1, 2.5 times WLL proof tested and certified.
- 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 Self Locking Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)					N.W.
	mm	tonnes*	A	H	K	P	T	kg
X-026-06	6	1.4	6	19	93	28	15	0.4
X-026-07	7, 8	2.5	9	24	119	34	20	0.9
X-026-10	10	4.0	11	30	142	44	26	1.4
X-026-13	13	6.7	14	39	178	51	30	3.0
X-026-16	16	10.0	18	49	213	60	36	5.0
X-026-20	20	16.0	21	65	244	70	53	11.0
X-026-22	22	19.0	24	63	273	80	49	13.5

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1, 2.5 times WLL proof tested and certified.
- 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.

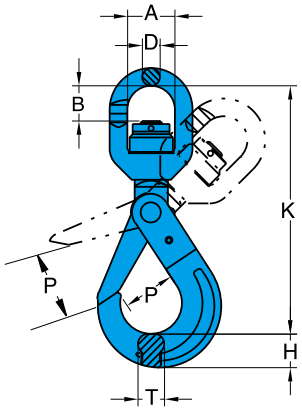
G-100 Swivel Self Locking Hook

With Brass Bushing

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)							N.W.
	mm	tonnes*	A	B	D	H	K	P	T	kg
X-027-06	6	1.4	32	22	12	19	149	28	15	0.7
X-027-07	7, 8	2.5	36	29	13	24	186	34	20	1.2
X-027-10	10	4.0	41	34	16	30	218	44	26	2.0
X-027-13	13	6.7	46	43	21	39	276	51	30	4.1
X-027-16	16	10.0	61	50	23	49	329	60	36	7.2
X-027-20	20	16.0	74	82	25	65	387	70	53	13.0
X-027-22	22	19.0	97	95	33	63	457	80	49	20.0
X-027-26	26	26.5	123	115	42	69	535	99	56	33.0

★ Design factor 4:1 proof tested and certified.

⚠ **WARNING INFORMATION**:This hook is a positioning device and is not intended to rotate under load. For swivel hooks designed to rotate under load, see p.116 X-027N.



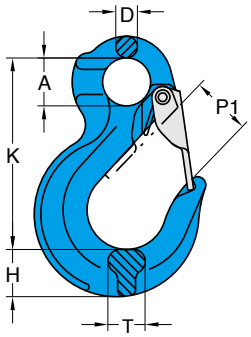
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1, 2.5 times WLL proof tested and certified.
- 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 Swivel Self Locking Hook

with Ball Bearing, which performs full swivel under load.

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)							N.W.
	mm	tonnes*	A	B	D	H	K	P	T	kg
X-027N-06	6	1.4	32	22	12	19	149	28	15	0.7
X-027N-07	7, 8	2.5	36	29	13	24	186	34	20	1.3
X-027N-10	10	4.0	41	34	16	30	218	44	26	2.0
X-027N-13	13	6.7	46	43	21	39	276	51	30	4.3
X-027N-16	16	10.0	61	50	23	49	329	60	36	7.3
X-027N-20	20	16.0	74	82	25	65	387	70	53	13.0
X-027N-22	22	19.0	97	95	33	63	457	80	49	20.0
X-027N-26	26	26.5	123	115	42	69	535	99	56	32.7

★ Design factor 4:1 proof tested and certified.



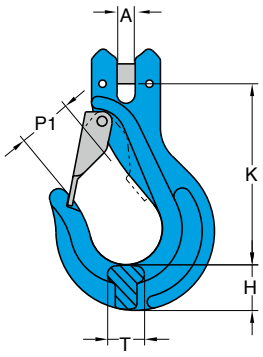
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1, 2.5 times WLL proof tested and certified.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at 400°C minimum.
- Magnaflux crack detection is performed 100% on each batch.
- YOKE Eye Sling Hooks are predrilled to accommodate a YOKE latch kit.

G-100 Eye Sling Hook

with Latch

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)						N.W.
	mm	tonnes*	A	D	H	K	P1	T	kg
X-044/S-06	6	1.4	20	10	19	80	23	17	0.3
X-044/S-07	7, 8	2.5	25	12	23	98	28	20	0.5
X-044/S-10	10	4.0	32	15	31	121	36	23	1.0
X-044/S-13	13	6.7	40	18	38	152	40	27	1.8
X-044/S-16	16	10.0	50	22	45	185	44	32	3.4
X-044/S-20	20	16.0	61	27	64	230	54	48	7.3
X-044/S-22	22	19.0	51	31	63	245	76	52	9.3
X-044/S-26	26	26.5	65	35	80	279	77	60	13.5
X-044/S-32	32	40.0	88	40	86	352	114	65	22.0

★ Design factor 4:1 proof tested and certified.



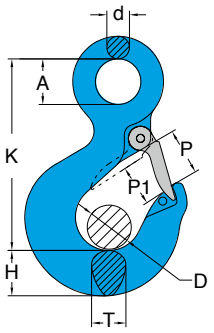
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1, 2.5 times WLL proof tested and certified.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at 400°C minimum.
- Magnaflux crack detection is performed 100% on each batch.
- YOKE Clevis Sling Hooks are predrilled to accommodate a YOKE latch kit.

G-100 Clevis Sling Hook

with Latch

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)					N.W.
	mm	tonnes*	A	H	K	P1	T	kg
X-043/S-06	6	1.4	6	23	97	23	15	0.3
X-043/S-07	7, 8	2.5	9	22	98	27	18	0.6
X-043/S-10	10	4.0	11	30	122	34	24	1.1
X-043/S-13	13	6.7	14	37	147	44	30	2.3
X-043/S-16	16	10.0	17	42	166	48	39	3.8
X-043/S-20	20	16.0	24	64	207	57	48	8.7
X-043/S-22	22	19.0	25	61	217	73	52	9.5

★ Design factor 4:1 proof tested and certified.



- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Hook Code AA and KK are proof tested to 2 times of WLL with a Design Factor of 5:1. Hook Code BB to JJ are proof tested to 2.5 times WLL with a Design Factor of 4:1.
- Each batch is proof tested and certified.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at 400°C minimum.
- Magnaflux crack detection is performed 100% on each batch.
- YOKE Eye Hoist Hooks are predrilled to accommodate a YOKE latch kit.

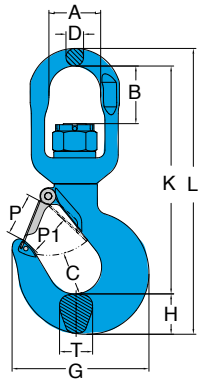
G-100 Alloy Eye Hoist Hook
with Latch

Item No.	Hook Feature Code	For Grade 100 Chain	WLL	Dimensions (mm)								N.W.
		mm	tonnes*	A	D	d	H	K	P	P1	T	kg
8-173-015	BB	6	1.4	23	19	11	21	95	23	19	17	0.4
8-173-02	CC	7, 8	2.5	29	20	13	26	106	25	20	21	0.7
8-173-03	DD	10	4.0	32	25	15	29	122	28	25	24	0.9
8-173-05	EE	13	6.7	40	31	18	37	149	36	31	31	2.0
8-173-07	FF	16	10.0	51	38	24	47	192	45	39	37	4.0
8-173-11	GG	20	16.0	62	57	28	58	232	61	67	48	7.0
8-173-15	HH	22	19.0	72	62	32	66	256	68	62	56	9.4
8-173-22	JJ	26	26.5	90	81	40	76	318	92	81	68	18.7

★ Design factor 4:1 proof tested and certified.

⚠ When using hoist hook with grade 100 chain, YOKE hoist hook is recommended to grind the WLL (which is for a safety factor 5:1) off the hook.


8-P801 Latch Kits



- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Testing according to EN 1677- 2 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Hook Code AA and KK are proof tested to 2 times of WLL with a Design Factor of 5:1. Hook Code BB to JJ are proof tested to 2.5 times WLL with a Design Factor of 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at 400°C minimum.
- Magnaflux crack detection is performed 100% on each batch.
- Predrilled to accommodate a YOKE latch kit.

G-100 Alloy Swivel Hoist Hook

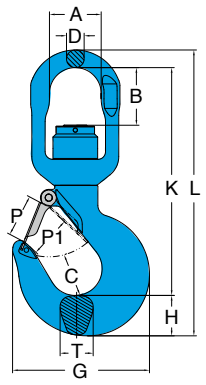
with Brass Washer

Item No.	Hook Feature Code	For Grade 100 Chain	WLL	Dimensions (mm)											N.W.
		mm	tonnes*	A	B	C	D	G	H	K	L	P	P1	T	kg
8-175-015	BB	6	1.4	32	23	25	12	60	21	126	158	24	19	18	0.7
8-175-02	CC	7.8	2.5	35	29	26	13	91	25	143	181	24	20	22	0.9
8-175-03	DD	10	4.0	41	35	29	16	102	29	172	217	28	25	24	1.5
8-175-05	EE	13	6.7	46	44	38	21	130	36	211	288	35	31	31	3.2
8-175-07	FF	16	10.0	61	51	49	23	166	46	258	328	43	39	42	5.7
8-175-11	GG	20	16.0	74	82	62	25	196	56	326	409	61	57	48	9.5
8-175-15	HH	22	19.0	97	96	65	33	221	64	372	471	72	62	56	16.5

★ Design factor 4:1 proof tested and certified.

⚠ When using hoist hook with grade 100 chain, YOKE hoist hook is recommended to grind the WLL (which is for a safety factor 5:1) off the hook.

⚠ **WARNING INFORMATION**:This hook is a positioning device and is not intended to rotate under load. For swivel hooks designed to rotate under load, see p.117 8-175N.



- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Testing according to EN 1677- 2 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Hook Code AA and KK are proof tested to 2 times of WLL with a Design Factor of 5:1. Hook Code BB to JJ are proof tested to 2.5 times WLL with a Design Factor of 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature at 400°C minimum.
- Magnaflux crack detection is performed 100% on each batch.
- Predrilled to accommodate a YOKE latch kit.
- Built with ball bearing and performs full swivel feature under load.

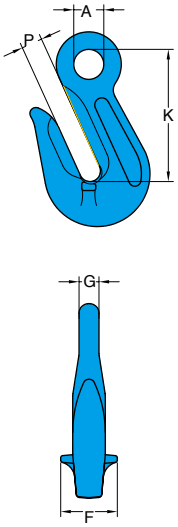
G-100 Alloy Swivel Bearing Hoist Hook

with Ball Bearing, which performs full swivel under load.

Item No.	Hook Feature Code	For Grade 100 Chain	WLL	Dimensions (mm)											N.W.
		mm	tonnes*	A	B	C	D	G	H	K	L	P	P1	T	kg
8-175N-015	BB	6	1.4	32	23	25	12	80	21	126	158	24	19	18	0.7
8-175N-02	CC	7, 8	2.5	36	29	26	13	91	25	143	181	24	20	22	0.9
8-175N-03	DD	10	4.0	41	35	29	16	102	29	172	217	28	25	24	1.6
8-175N-05	EE	13	6.7	46	44	38	21	130	36	211	269	35	31	31	3.2
8-175N-07	FF	16	10.0	61	51	49	23	166	46	258	328	43	39	42	5.7
8-175N-11	GG	20	16.0	74	82	62	25	196	58	326	409	61	57	48	9.5
8-175N-15	HH	22	19.0	97	96	65	33	221	64	372	471	72	62	56	16.0

★ Design factor 4:1 proof tested and certified.

⚠
When using hoist hook with grade 100 chain, YOKE hoist hook is recommended to grind the WLL (which is for a safety factor 5:1) off the hook.



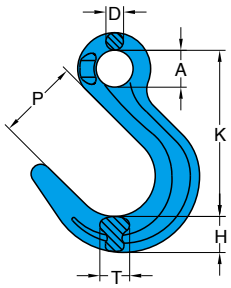
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Testing according to DIN PAS 1061 and ASTM A952/A 952M
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not for use with Omega Link
- No reduction of WLL, thanks to supporting wings which prevent chain link deformation.

G-100 Eye Grab Hook

Not for use with Omega Link.
No reduction of working load limit, thanks to supporting wings which prevent chain link deformation.

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)					N.W.
	mm	tonnes*	A	F	G	K	P	kg
X-041-06	6	1.4	13	26	8	50	8	0.2
X-041-07	7, 8	2.5	16	30	9	62	10	0.3
X-041-10	10	4.0	20	40	13	82	13	0.6
X-041-13	13	6.7	26	52	16	107	17	1.4
X-041-16	16	10.0	30	57	20	132	21	2.4
X-041-20	20	16.0	38	73	24	147	23	4.0
X-041-22	22	19.0	38	70	26	164	26	5.0
X-041-26	26	26.5	50	100	32	207	33	10.1

★ Design factor 4:1 proof tested and certified.

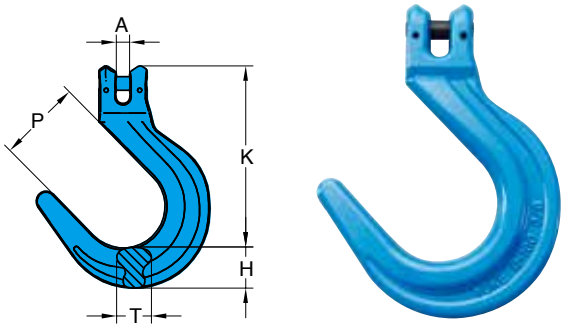


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Testing according to DIN PAS 1061 and ASTM A952/A 952M
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not used for general chain sling applications, rather for use where a large throat opening is necessary.
- Before using the hook, check whether hooks without safety latch are allowed to be used for this particular application.

G-100 Eye Foundry Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)						N.W.
	mm	tonnes*	A	D	H	K	P	T	kg
X-047-07	7, 8	2.5	24	12	27	123	62	19	0.8
X-047-10	10	4.0	32	15	32	149	74	23	1.6
X-047-13	13	6.7	40	19	39	180	88	32	2.6
X-047-16	16	10.0	50	25	47	213	98	41	4.5
X-047-20	20	16.0	60	26	57	248	113	46	9.3

★ Design factor 4:1 proof tested and certified.

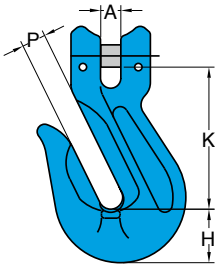


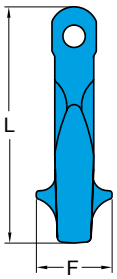
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Testing according to DIN PAS 1061 and ASTM A952/A 952M
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Designed for the assembly of chain slings where wide throat openings are necessary
- Before using the hook, check whether hooks without safety latch are allowed to be used for this particular application.

G-100 Clevis Foundry Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)					N.W.
	mm	tonnes*	A	H	K	P	T	kg
X-046-07	7, 8	2.5	9	27	133	62	19	0.95
X-046-10	10	4.0	11	32	163	74	23	1.8
X-046-13	13	6.7	14	39	200	88	32	3.6
X-046-16	16	10.0	18	47	239	98	41	6.4
X-046-20	20	16.0	21	62	305	113	46	11.2

★ Design factor 4:1 proof tested and certified.





- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Testing according to DIN PAS 1061 and ASTM A952/A 952M
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C
- Not for use with Omega Link
- No reduction of WLL, thanks to supporting wings which prevent chain link deformation.

G-100 Clevis Grab Hook

Not for use with Omega Link.
No reduction of working load limit, thanks to supporting wings which prevent chain link deformation.

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)						N.W.
	mm	tonnes*	A	F	H	K	L	P	kg
X-042-06	6	1.4	7	25	18	47	79	8	0.2
X-042-07	7, 8	2.5	10	30	22	54	93	10	0.4
X-042-10	10	4.0	11	41	29	77	128	13	0.8
X-042-13	13	6.7	15	52	38	99	165	17	1.6
X-042-16	16	10.0	18	57	45	114	195	21	2.7
X-042-20	20	16.0	22	73	52	130	222	23	4.8
X-042-22	22	19.0	24	70	56	139	247	26	6.4

★ Design factor 4:1 proof tested and certified.

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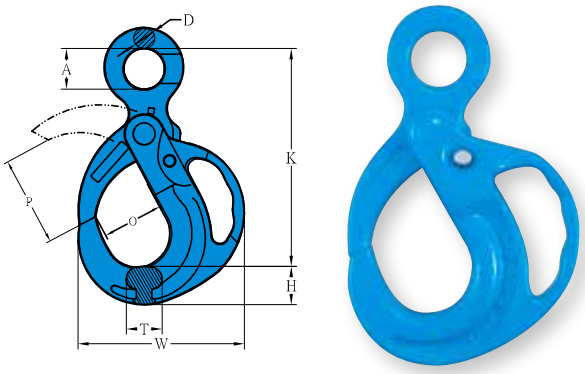


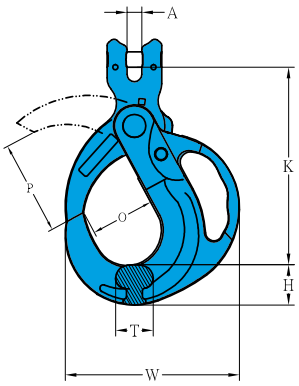
US Patent: 8925162

- Quenched and Tempered Alloy Steel.
- Manufactured in accordance with EN 1677-1.
- Testing according to ASTM A952/A-DIN PAS 1061.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Eye Grip Safe Locking Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)								N.W.
	mm	tonnes*	A	D	H	K	O	P	T	W	kg
X-950-10	10	4.0	32	13	31	175	49	71	27	139	1.9
X-950-13	13	6.7	40	16	39	227	57	80	34	174	3.0
X-950-16	16	10.0	50	21	47	277	78	114	39	212	6.3
X-950-20	20	16.0	60	23	56	329	91	127	54	250	11.7
X-950-22	22	19.0	70	24	59	350	105	151	56	260	14.5

★ Design factor 4:1 proof tested and certified



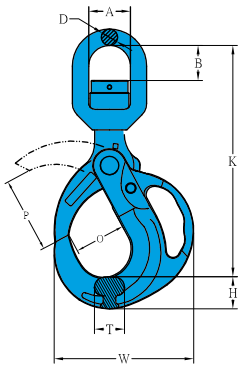
US Patent: 8925162

- Quenched and Tempered Alloy Steel.
- Manufactured in accordance with EN 1677-1.
- Testing according to ASTM A952/A-DIN PAS 1061.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Clevis Grip Safe Locking Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)							N.W.
	(mm)	tonnes*	A	H	K	O	P	T	W	kg
X-951-10	10	4.0	11	31	153	49	71	27	139	1.9
X-951-13	13	6.7	14	39	206	57	80	34	174	4.1
X-951-16	16	10.0	18	47	243	78	114	39	212	6.4
X-951-20	20	16.0	21	56	310	91	127	54	250	12.7
X-951-22	22	19.0	24	59	300	105	151	56	260	14.1

★ Design factor 4:1 proof tested and certified



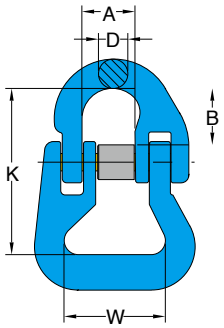
US Patent: 8925162

- Quenched and Tempered Alloy Steel.
- Manufactured in accordance with EN 1677-1.
- Testing according to ASTM A952/A-DIN PAS 1061.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1.
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Swivel Grip Safe Locking Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)									N.W.
	(mm)	tonnes*	A	B	D	H	K	O	P	T	W	kg
X-952N-10	10	4.0	41	34	16	31	225	49	71	27	139	2.4
X-952N-13	13	6.7	46	44	21	39	285	57	80	34	174	5.2
X-952N-16	16	10.0	61	50	23	47	345	78	114	39	212	8.4
X-952N-20	20	16.0	74	82	25	56	433	91	127	54	250	14.5
X-952N-22	22	19.0	97	95	33	59	475	105	151	56	260	19.9

★ Design factor 4:1 proof tested and certified

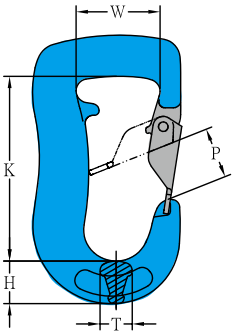


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 4 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Web Sling Connector

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)					N.W.
	mm	tonnes*	A	B	D	K	W	kg
X-016-06	6	1.4	15	17	7	55	38	0.2
X-016-07	7, 8	2.5	18	22	9	62	40	0.3
X-016-10	10	4.0	25	26	11	78	47	0.6
X-016-13	13	6.7	30	35	16	95	53	1.1
X-016-16	16	10.0	36	38	19	115	67	2.0
X-016-20	20	16.0	42	46	22	132	80	3.2
X-016-22	22	19.0	49	59	24	187	125	7.7

★ Design factor 4:1 proof tested and certified.

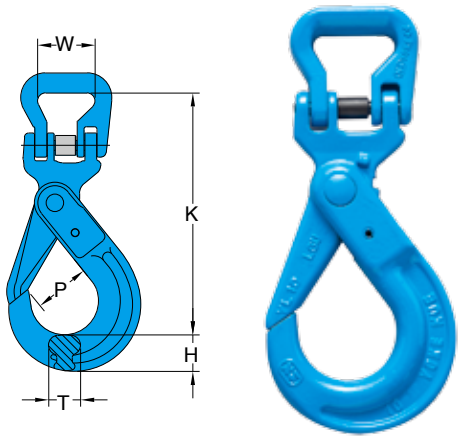


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 2 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Web Sling Hook

Item No.	WLL	Dimensions (mm)					N.W.
	tonnes*	H	K	P	T	W	kg
X-032-01	1	20	89	25	15	43	0.7
X-032-02	2	27	116	30	20	53	1.5
X-032-03	3	32	119	32	26	64	2.4
X-032-05	5	44	145	45	38	61	3.5

★ Design factor 4:1 proof tested and certified.

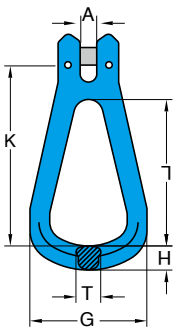


- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 3 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 5:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Round Sling Self Locking Hook

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)					N.W.
	mm	tonnes*	H	K	P	T	W	kg
X-028-06	6	1.4	19	138	29	15	38	0.6
X-028-07	7, 8	2.5	24	169	34	20	40	1.1
X-028-10	10	4.0	30	196	44	26	47	1.8
X-028-13	13	6.7	39	253	52	30	53	3.9
X-028-16	16	10.0	49	305	60	36	67	6.9
X-028-20	20	16.0	62	328	90	48	80	12.0
X-028-22	22	19.0	63	416	80	49	125	18.6

★ Design factor 4:1 proof tested and certified.

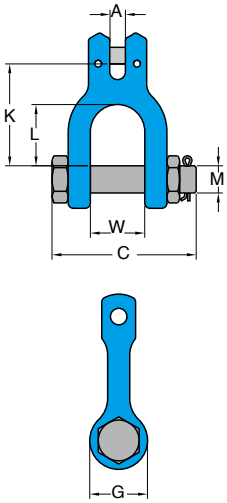


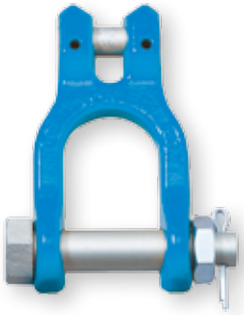
- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Clevis Master Link

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)						N.W.
	mm	tonnes*	A	G	H	K	L	T	kg
X-059-07	7, 8	2.5	9	65	15	99	80	15	0.4
X-059-10	10	4.0	11	80	18	125	100	19	0.8
X-059-13	13	6.7	14	108	22	168	136	25	1.5
X-059-16	16	10.0	18	124	26	198	158	27	2.4

★ Design factor 4:1 proof tested and certified





- Quenched and Tempered Alloy Steel.
- Minimum 25% greater WLL than traditional G80 products.
- Manufactured in accordance with EN 1677- 1 and ASME B30.26.
- Maximum Proof Load is 2.5 times the WLL complete with certification for each manufactured batch.
- Design Factor 4:1
- Fatigue Rated to 20,000 cycles at 1.5 times the WLL.
- Tempering temperature minimum 400°C.

G-100 Clevis Shackle

Item No.	For Grade 100 Chain	WLL	Dimensions (mm)							N.W.
	mm	tonnes*	A	C	G	K	L	M	W	kg
X-066-07	7, 8	2.5	9	79	34	59	35	16	33	0.4
X-066-10	10	4.0	11	93	40	78	48	20	37	0.8
X-066-13	13	6.7	14	118	44	98	64	22	49	1.4
X-066-16	16	10.0	18	141	54	112	69	28	60	2.5

★ Design factor 4:1 proof tested and certified

DISCOVERY VIDEO

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