

G100 FITTINGS

Example of Product Marking:

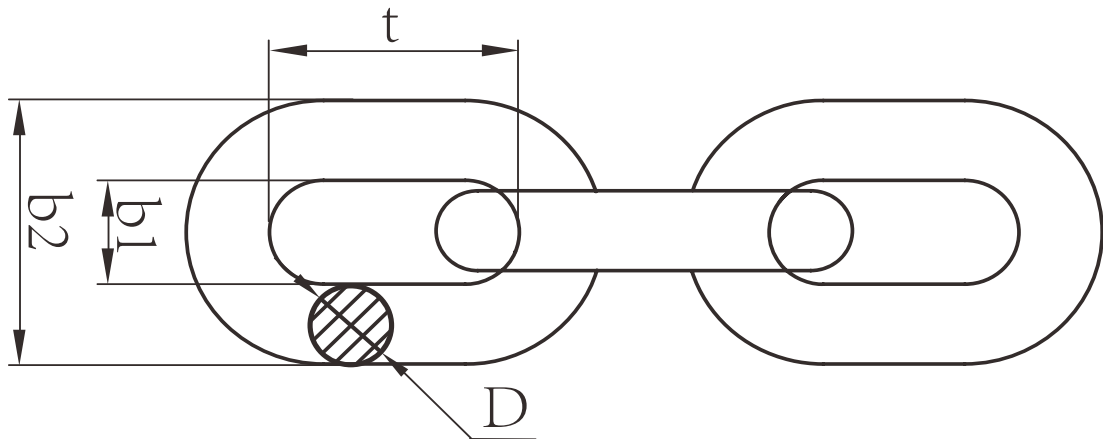


Our Standard Marking

MARKING	10	-10	WLL 4T	TW	CE	18-1
DESCRIPTION	CHAIN SIZE	GRADE 100	WORKING LOAD LIMIT	MANUFACTURER	CE CERTIFICATE	BATCH NUMBER

G100 CHAIN DESIGN

Example of Chain Design

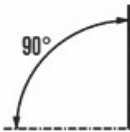
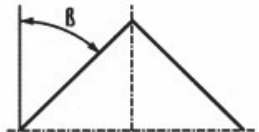
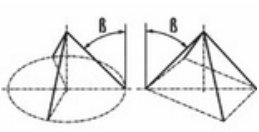


G100 CHAIN						
ITEM NO.	WLL/T	B.L/T	D(mm)	t(mm)	b1(mm) min	b2(mm) max
6mm	1.4	5.6	6±0.24	18±0.5	8.7	21.6
7mm	1.9	7.6	7±0.28	21±0.6	9.5	25.2
8mm	2.5	10	8±0.32	24±0.7	10.9	28.8
10mm	4	16	10±0.4	30±0.9	13.5	36
13mm	6.7	26.8	13±0.52	39±1.2	17.5	46.8
16mm	10	40	16±0.64	48±1.4	21.5	57.6
19mm	14	56	19±0.90	57±1.6	25.6	68.4
22mm	19	76	22±1.10	66±2.0	29.5	79.2
26mm	26.5	106	26±1.30	78±2.3	33.8	96.2
32mm	39.3	157.2	32±1.60	96±2.9	41.6	118

25% stronger than G80 chain

G100 CHAIN SLING

G100 CHAIN SLINGS

CHAIN	SINGLE LEG	2 LEGS	3-4 LEGS		CHOKER ENDLESS SLINGS
					
Ø		0° <β≤45° 45° <β≤60°	0° <β≤45° 45° <β≤60°		
mm	WLL kg	WLL kg	WLL kg	WLL kg	WLL kg
6	1,400	2,000 1,400	3,000 2,120		2,240
7	1,900	2,650 1,900	4,000 2,800		3,000
8	2,500	3,550 2,500	5,300 3,750		4,000
10	4,000	2,600 4,000	8,000 6,000		6,300
13	6,700	9,500 6,700	14,000 10,000		10,600
16	10,000	14,000 10,000	21,200 15,000		16,000
19	14,000	20,000 14,000	30,200 21,200		22,400
22	19,000	26,500 19,000	40,200 28,000		30,000

Working Load Limit(WLL) as per EN 818-4

WLL REDUCTION BASE ON TEMPERATURE

CHAIN SLING TEMPERATURE	REDUCTION IN WORKING LOAD LIMIT
-40°C - 200°C	NONE
200°C - 300°C	10%
300°C - 400°C	25%
above 400°C	Do not use!!

TW –ID TAG FOR G100 SLING



G100 CHAIN SLING



G100 MASTER LINK

- ◆ Forged superalloy steel-Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code-Pantone#388C.

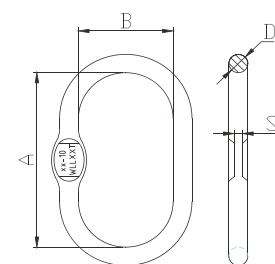


G100 MASTER LINK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



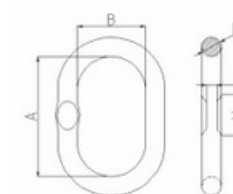
TW1611



ITEM CODE	WEIGHT (KG)	WLL (T)	A	B	D	CHAIN Ø	
						1LEG	2LEGS
TW1611-10	0.14	1.4	80	50	10	5	5
TW1611-13	0.34	2.3	110	60	13	6-7	6
TW1611-16	0.53	3.5	110	60	16	8	7
TW1611-18	0.86	5	135	75	18	10	8
TW1611-23	1.60	7.6	160	90	23	13	10
TW1611-27	2.46	10	180	100	27	16	13
TW1611-33	4.14	14	200	110	33	19	16
TW1611-26	6.22	25.1	260	140	36	22	19
TW1611-45	12.85	30.8	340	180	45	26	22
TW1611-50	16.22	40	350	190	50	32	26
TW1611-60	27.01	60	400	200	60	—	32
TW1611-70	45	81.5	460	250	70	—	—

- Ultimate load is 4 times the Working Load Limit.
- Item TW1611-45 and 50: There is no engineered flat.
- Engineered flat surface enables seamless integration of TW1628 Omega links.

TW1612



ITEM CODE	WEIGHT (KG)	WLL (T)	A	B	D	SxH
TW1612-11	0.23	1.4	100±4	60±4	11+1	6+0.5X22
TW1612-13	0.4	2.5	120±5	70±4	13+1	7+0.5X25
TW1612-17	0.7	4	140±5	80±4	17+1	8+0.5X28
TW1612-22	1.5	7.5	160±5	95±4	22+1	11±0.5×35
TW1612-26	2.2	10	190±5	110±5	26+1-1	13±0.5×43
TW1612-27	2.51	12.5	180±5	100±5	27+1	14±0.5×46
TW-1612-32	5.1	17	240±6	140±5	32+1	17±0.5×55
TW1612-38	7.2	25	250±6	150±5	38+2-1	21±0.5X65
TW1612-41	8.3	26.5	250±6	150±5	41+2-1	23±0.5X73
TW1612-48	13.6	39.3	300±6	180±5	48+2-1	27±0.5×85

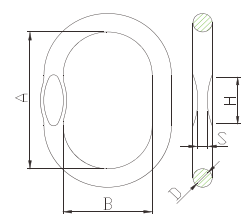
- Ultimate load is 5 times the Working Load Limit.
- Generous interior length
- Engineered flat surface enables seamless integration of TW1628 Omega links.

G100 MASTER LINK

- ◆ Forged superalloy steel-Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code-Pantone #388C.



TW1613



ITEM CODE	WEIGHT (KG)	WLL (T)	A	B	D
TW1613-25	3.7	4	340	180	25
TW1613-28	4.7	6.7	340	180	28
TW1613-34	7.0	10	340	180	34
TW1613-38	8.9	16	340	180	38

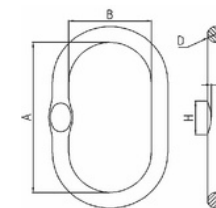
- Ultimate load is 4 times the Working Load Limit.
- Oversized master link
- Engineered flat surface enables seamless integration of TW1628 Omega links.

G100 MASTER LINK-US STYLE

- ◆ Forged superalloy steel-Quenched and Tempered.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code-Pantone #388C



TW1614



ITEM CODE	weight (Kg)	Chain	WLL	A	B	D	SxH
			1 leg (T)				
TW1614-1/2-A	0.36	7/32(6mm)	1.22	127	63.5	13	7X30
TW1614-1/2	0.6	1/4(7mm)	2	127	70	16	8X35
		5/16	2.6				
TW1614-5/8	0.7	5/16	2.6	152	76	16	8X35
TW1614-3/4	0.9	5/16	2.6	152	80	18	8X35
		3/8	4				
TW1614-7/8	1.5	3/8	4	160	95	22	11X45
		1/2	6.8				
TW1614-1	2.8	1/2	6.8	190	110	27	14X55
		5/8	10.3				
TW1614-1/4	5.4	5/8	10.3	240	140	33	17X60
		3/4	16				
TW161-1-1/2	8.2	3/4	16	267	150	40	21X70
		7/8	19.4				
TW1614-1-3/4	11.4	7/8	19.4	305	152	45	-
		1	27.1				
TW1614-2	16.8	1	27.1	355	178	51	-
		1 1/4	41				
TW1614-2-1/4	24.5	1 1/4	41	406	203	57	-
TW1614-2-1/2	31.1	1 1/4	41	406	203	64	-

- Ultimate load is 5 times the Working Load Limit



G100 MASTER LINK ASSEMBLY

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.
- ◆ Forged main link; welded sub links
- ◆ According to EN1677-4

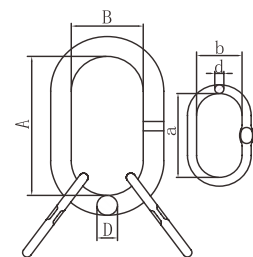


G100 MASTER LINK ASSEMBLY

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.
- ◆ Forged main link; welded sub links.



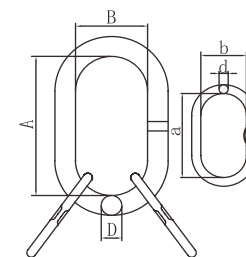
TW1615



ITEM CODE	G100 CHAIN FOR 3or4 LEGS SLING	WEIGHT (KG)	WLL (T)	DIMENSION(MM)					
				A	B	D	a	b	d
TW1615-6	6MM	1.3	3	135	75	19	54	25	13
TW1615-8	8MM	2.33	5.3	160	90	23	70	34	16.5
TW1615-10	10MM	3.7	8	180	100	27	85	40	19
TW1615-13	13MM	6.5	14	200	110	33	115	50	23
TW1615-16	16MM	10.1	21.2	260	140	36	140	65	27
TW1615-20	19/20MM	22.8	33.6	350	190	50	180	90	33
TW1615-22	22MM	26	39.9	350	190	50	180	100	36

- Ultimate load is 5 times the Working Load Limit.
- Engineered flat surface enables seamless integration of TW1628 Omega links.

TW1616



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	DIMENSION(MM)					
				A	B	D	a	b	d
TW1616-06	1.8	3.5	14	150±5	90±4	19±1.5	120±5	70±4	14±1.5
TW1616-08	3	5	20	160±5	95±4	22±1.5	140±5	80±4	18±1
TW1616-10	6.5	11.5	46	200±5	120±5	30±1.5	160±5	95±4	22±1.5
TW1616-13	15	17	68	250±6	150±5	40±2	190±5	110±5	26±1.5
TW1616-16	23	28	112	300±6	200±5	50±2	200±5	120±5	32±2

- Ultimate load is 4 times the Working Load Limit.
- Engineered flat only available upon request.
- Engineered flat surface enables seamless integration of TW1628 Omega links.

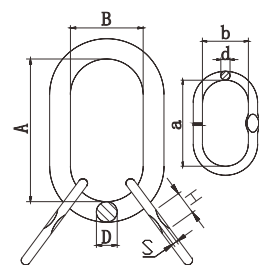


G100 MASTER LINK ASSEMBLY

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.
- ◆ Forged main link; welded sub links.



TW1617



ITEM CODE	weight (Kg)	chain	A	B	D	a	b	d	SXH
TW1617-3/4	1.59	1/4 (7mm)	152	80	18	85	45	14	7X25
TW1617-7/8	2.18	5/16	160	95	22	85	45	16	8X28
TW1617-1	4.22	3/8	190	110	27	100	60	18	11X35
TW1617-1 1/4	7.17	1/2	240	140	33	160	90	25	14X45
TW1617-1 1/2	15.2	5/8	267	150	40	180	100	32	17X55
TW1617-1 3/4	22.1	3/4	305	152	45	180	100	38	21X65
TW1617-2 1/4	41.4	7/8	406	203	57	203	140	45	-
TW1617-2 1/2	64.4	1	406	203	64	355	178	50	-
TW1617-3 1/4	121	1 1/4	508	254	83	406	203	60	-

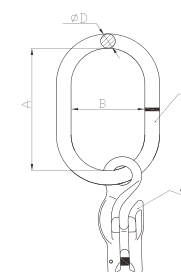
- Ultimate load is 4 times the Working Load Limit

G100 MASTER LINK WITH SINGLE GRAB HOOK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1618



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	A	B	ΦD
TW1618-6	0.64	1.4	4.8	110	60	13
TW1618-8	1.12	2.5	10	120	70	14
TW1618-10	2.08	4	16	140	80	17
TW1618-13	3.84	6.7	26.8	160	95	22
TW1618-16	6.75	10	40	190	110	25
TW1618-20	13.47	16	64	230	130	32

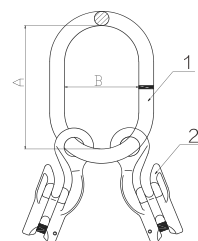
- Ultimate load is 4 times the Working Load Limit

G100 MASTER LINK WITH DOUBLE GRAB HOOK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1619



ITEM CODE	WEIGHT (Kg)	WLL (T)	BF (T)	A	B	ΦD
TW1619-6	1.04	2	8	120	70	14
TW1619-8	2.12	3.55	14.2	140	80	17
TW1619-10	4.15	5.6	22.4	160	95	22
TW1619-13	7	9.5	38	190	110	25
TW1619-16	13.48	14	56	230	130	32

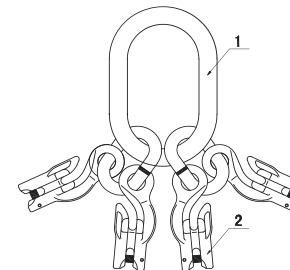
- Ultimate load is 4 times the Working Load Limit

G100 MASTER LINK ASSEMBLY WITH GRAB HOOK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1620



ITEM CODE	WEIGHT (Kg)	WLL (T)	BF (T)
TW1620-6	2.5	3	12
TW1620-8	5.09	5.3	21.2
TW1620-10	9.02	8	32
TW1620-13	15.94	14	48
TW1620-16	28.1	21.2	84.4

- Ultimate load is 4 times the Working Load Limit

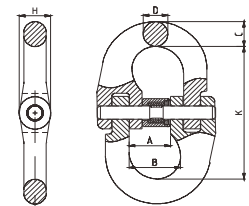


G100 CONNECTING LINK - EU STYLE

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1621



ITEM CODE	WEIGHT (kg)	WLL (T)	B.L (T)	A	B	C	D	K	H
TW1621-06	0.08	1.4	5.6	14±0.8	16.9±0.8	8.5±0.8	7±0.5	44.5±2.5	11±0.5-1
TW1621-07	0.16	1.9	7.6	18.5±0.8	22.5±0.8	10±0.8	8.2±0.5	59±3	12.5±0.5-1
TW1621-7/8	0.17	2.5	10	18.5±0.8	22±0.8	11±0.8	8.5±0.8	59±3	13±0.5-1
TW1621-8	0.18	2.5	10	18.5±0.8	22.7±1	10.5±0.8	10±0.8	63±3	14±0.5-1
TW1621-10	0.34	4	16	23±1	27.7±1	12.6±1	12.6±1	71±3	18±0.8-1
TW1621-13	0.68	6.7	26.8	28±1	33.2±1	16.5±1	16.5±1	92.5±3	23±0.8-1
TW1621-16	1.22	10	40	33.5±1	39±2	20±1	20±1	106.5±3	29.5±1
TW1621-20	2.13	16	64	42±1	47.3±3	25±1.5	25±1.5	123±3	35.5±1.5
TW1621-22	3	19	76	48±1	55±3	27±1.5	27±1.5	137.5±3	39±2
TW1621-26	5.22	26.5	106	61±2	68±3	32±2	32±2	163±4	45±2.5
TW1621-32	9.55	39.3	157.2	80±2	87±3	40±3	40±3	197±4	54±3

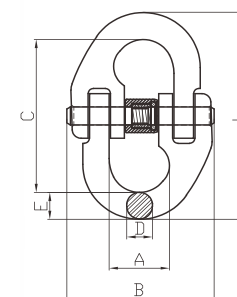
- Ultimate load is 4 times the Working Load Limit.
- Spare parts available upon request.

G100 NEW TYPE CONNECTING LINK - EU STYLE

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1622



ITEM CODE	WEIGHT (Kg)	WLL (T)	BF (T)	A±1	B±1	C±3	D±0.5	E±1	L±4
TW1622-6	0.125	1.4	5.6	17	41.5	44.5	7	7.5	60

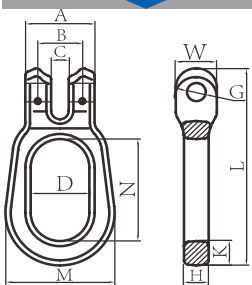
- Ultimate load is 4 times the Working Load Limit
- Spare parts available upon request.

G100 CLEVIS LINK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1625



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	A±1	B±0.5	C±1	D±1	M±1.5	N±2	H±1	K±0.5	L±1.5	G±0.2	E±1
TW1625-13	1.36	6.7	26.8	59	38	15	50	93	90	21	21.5	174	16	35

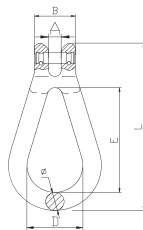
- For container lifting
- Spare parts available upon request.

G100 CLEVIS REEVING LINK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1626



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	A±0.5	B±1.5	D±1	E±1.5	Φ±0.5	L±2
TW1626-13	1.76	6.7	26.8	16.5	55.5	66.5	137.5	22	228
TW1626-16	2.8	10	40	19	68	72	165	26	264

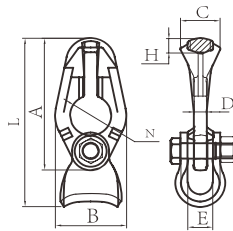
- Ultimate load is 4 times the Working Load Limit

G100 CHAIN-ROPE CONNECTOR

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1627



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	A±1	B±1.5	C±1	D±1	E±1	Φ±1	H±1	L±3
TW1627-7/8	0.63	2	10	111	70	32	10	20	33.5	12	142
TW1627-10	1.3	4	16	143	87.5	41	11.5	20	34	11.8	194.5

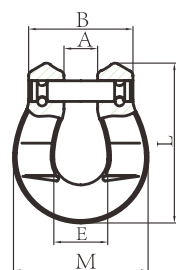
- Ultimate load is 4 times the Working Load Limit.
- Spare parts available upon request.
- Not for lifting, only for logging

G100 OMEGA LINK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ Suitable for G100 chain.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1628



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	A±1	B±2	E±1.5	M±2	L±2
TW1628-06	0.12	1.4	5.6	8.5	32.5	20	44	55
TW1628-08	0.27	2.5	10	10.5	42	24	60	73.5
TW1628-10	0.44	4	16	12.5	48.5	31	70	90
TW1628-13	0.89	6.7	26.8	16	60	38.8	90	109
TW1628-16	1.77	10	40	19	75.5	51	112	141.5

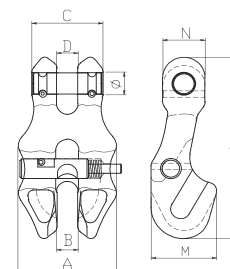
- Spare parts available upon request.

CLEVIS CLUTCH SHORTENER LINK

- ◆ Forged super alloy steel - Quenched and Tempered.
- ◆ 25% stronger than G80.
- ◆ Individually proof-tested at 2.5 times the Working Load Limit.
- ◆ Fatigue tested at 1.5 times the Working Load Limit for 20,000 cycles.
- ◆ 100% magnaflux crack detection.
- ◆ Powder-coated finish.
- ◆ Color code - Pantone # 388C.



TW1644



ITEM CODE	WEIGHT (KG)	WLL (T)	B.L (T)	A±0.5	B±0.5	C±0.5	D±0.5	M±0.5	N±0.5	ø±0.1	L±3
TW1644-6	0.25	1.4	5.6	38	7.5	27	7.5	29	16	7.7	73
TW1644-7/8	0.41	2.5	10	50	9.5	33	9.5	36	23	9.2	92
TW1644-10	0.75	4	16	60	11.7	43.5	11.7	45.4	36	13.3	115
TW1644-13	1.67	6.7	26.8	79	15	55	15	54	34	16.3	149
TW1644-16	4.2	10	40	98	19	70	19	70	40	19.7	184

- Ultimate load is 4 times the Working Load Limit
- Spare parts available upon request.