



cromox[®]
THE NEW DIMENSION OF STAINLESS

CATALOG 2020

CERTIFIED QUALITY



WE ARE STAINLESS





cromox®

THE NEW DIMENSION OF STAINLESS



QUALITY MADE IN GERMANY

Ketten Wälder CHAIN-TECHNOLOGY

We are a since generations family owned company.
Customer based and solution oriented production
reflects our philosophy.

Through delivery of top notch products and customized
solutions for widely varying requirements, straight forward
order processing and a reliable after sales service,
we create a pleasant business atmosphere.



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LIFTING

cromox Lifting - products safety in lifting and handling



NAUTIC

cromox Anchor Chain - peace of mind on anchor



CUSTOM

Custom and bespoke systems



PLAY

cromox Swing Chain - a safe answer



TRADING

Trading goods of high quality & sustainability



SAPA+

Become an authorized sales partner



INFO

Specifications & facts



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NEWS

Product News 2020

cromox Shortener CVE		Page 10
cromox Self Locking Eye Hook COSL		Page 12
cromox Self Locking Clevis Hook CGSL		Page 12
cromox Hoist CCH		Page 14
cromox Kenter Shackle CKS		Page 52
cromox Quick Connecting Shackle CSVS		Page 52

Neue Varianten New Versions

cromox Hoist Chain CXK 16 x 45 / CXK 18 x 50		Page 16
cromox Conveyor Chain CFK 10 x 38		Page 48
cromox Anchor Chain CXA 5 / CXI 5 / CDK 14 / CDK 16		Page 54
cromox Anchor Chain CXP 6 / CXP 8 / CXP 10 / CXP 13 / CXP 16		Page 54
cromox Anchor Twister CATO 10		Page 56



LIFTING



News

Chain

Master Links

Hooks

Shackle

Chain Slings

Lifting Points

Pump Chain

Conveyor Chain



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Shortener CVE

NEW

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INOX

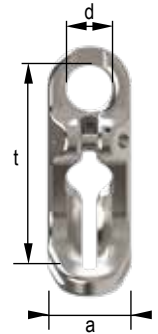


Product benefits:

- proven fatigue strength shortener - chain - load-bearing chain link
- simple handling
- safety of use through special design
- repositioned flat section usable in welded and modular systems
- weight optimized design
- Grade 60, 4-fold safety

cromox Shortener CVE, Grade 60 blasted

Type	W.L.L. [lbs]	d	Dimensions [inch]			Weight [lbs]	\$/pc
			t	a			
CVE 04	880	0,67	2,91	1,26	0,37	53,30	
CVE 05	1320	0,94	3,66	1,57	0,62	79,80	
CVE 06	1980	0,98	4,41	1,77	1,00	114,20	
CVE 07	2750	1,06	5,16	2,09	1,65	140,80	
CVE 08	3300	1,10	5,83	2,20	2,20	156,40	
CVE 10	5400	1,50	7,36	2,76	4,41	250,20	
CVE 13	8480	1,89	9,57	3,58	9,92	492,30	
CVE 16	13250	2,20	11,77	4,25	16,76	712,70	
CVE 18	17650	2,64	13,23	4,80	20,94	742,30	



Material

Body	AISI318LN
Bolt	AISI318LN
Safety Pin	AISI301

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Self Locking Eye Hook COSL

Self Locking Clevis Hook CGSL

NEW

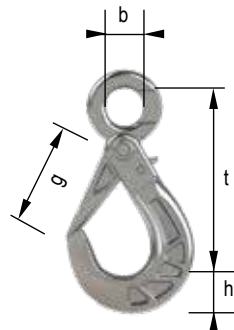
ROSTFREI
STAINLESS
INOX

Product benefits:

- Automated closing when loaded
- Bionic design – high WLL at favorable piece weight
- Exchangeable safety mechanism
- Best corrosion resistance through offshore approved materials entirely stainless

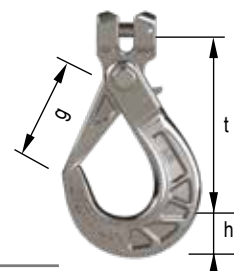
cromox Self Locking Eye Hook COSL Grade 60 similar to DIN EN 1677-3, blasted

Type	W.L.L. [lbs]	t	Dimensions [inch]			Weight [lbs]	\$/pc
			g	b	h		
COSL 05	1320	3,66	1,10	0,94	0,75	0,60	81,40
COSL 06	1980	4,25	1,30	0,98	0,87	0,90	112,70
COSL 07	2750	4,80	1,46	1,06	0,98	1,32	122,00
COSL 08	3300	5,39	1,61	1,10	1,10	1,87	159,50
COSL 10	5400	6,54	1,97	1,50	1,34	3,31	265,80
COSL 13	8480	8,66	2,60	1,89	1,77	7,72	437,70
COSL 16	13250	9,84	2,95	2,20	2,01	11,24	562,70



cromox Self Locking Clevis Hook CGSL Grade 60 similar to DIN EN 1677-3, blasted

Type	W.L.L. [lbs]	t	Dimensions [inch]			Weight [lbs]	\$/pc
			g	b	h		
CGSL 05	1320	3,27	1,10	–	0,75	0,62	87,70
CGSL 06	1980	3,78	1,30	–	0,87	0,97	123,50
CGSL 07	2750	4,29	1,46	–	0,98	1,41	139,20
CGSL 08	3300	4,80	1,61	–	1,10	1,94	179,80
CGSL 10	5400	5,83	1,97	–	1,34	3,53	300,20



Material	
Body	AISI 318LN
Safety Latch	AISI 318LN
Spring	AISI 301
Bolt	AISI 318LN
Safety Pin	AISI 301

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Hoist CCH - 63 / 100

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Product benefits:

- W.L.L 0,63 t and 1,0 t
- Outstanding corrosion resistance through select materials and manufacturing
- Sealed brake and gear unit allow cleanroom use
- Swivel top hook, ball bearing swivel load hook
- cromox load and hand chain, entire exterior cromox stainless steel
- Standard: load chain 3m $\approx$ 9,84ft,
CCH-63 CHK-6,3x19,1
CCH-100 CHK-7,1x21
hand chain 1,5m $\approx$ 4,92ft
NHC-5x25
- Custom setup on demand

Material Chain Hoist

Load chain	AISI316L
Hand chain	AISI316L
Housing	AISI316L
Pocketwheel load chain	AISI318LN
Pocketwheel hand chain	AISI316L
Screw	AISI318LN
Nut	AISI304
Washer	AISI316

Material CWHF

Body	AISI318LN
Safety Latch	AISI318LN
Spring	AISI301
Bolt	AISI318LN
Half Shell	AISI318LN
Screw / Nut	AISI318LN
Safety Pin	AISI301
Ball Bearing	AISI440C



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Hoist Chain Grade 60 + Grade 80

cromox Hoist Chain CHK, Grade 60 similar to DIN 5684, AISI 316L, tested, calibrated, bright polished

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Type		W.L.L. [lbs]		Dimensions [inch]				Weight [lbs]	Breaking Force [lbs]	\$/ft
		a	b	d	t	b ₁ min.	b ₂ max.			
CHK	4,0 x 12,0	880	700	0,16	0,47	0,20	0,54	0,24	3600	5,50
CHK	4,0 x 12,3	880	700	0,16	0,48	0,20	0,54	0,24	3600	5,50
CHK	5,0 x 15,0	1380	1100	0,20	0,59	0,24	0,67	0,36	5620	7,50
CHK	5,0 x 15,1	1380	1100	0,20	0,59	0,25	0,67	0,36	5620	7,90
CHK	5,0 x 15,3	1380	1100	0,20	0,60	0,24	0,66	0,36	5620	7,90
CHK	6,0 x 18,0	2095	1650	0,24	0,71	0,28	0,80	0,54	8320	10,20
CHK	6,3 x 19,1	2200	1760	0,25	0,75	0,31	0,84	0,58	9000	10,80
CHK	7,0 x 21,0	2750	2200	0,28	0,83	0,33	0,93	0,74	11240	13,30
CHK	7,0 x 22,0	2750	2200	0,28	0,87	0,33	0,91	0,74	11240	13,30
CHK	7,1 x 21,2	2750	2200	0,28	0,83	0,35	0,93	0,75	11240	14,50
CHK	8,0 x 24,0	3520	2750	0,31	0,94	0,38	1,06	0,94	14160	16,50
CHK	8,0 x 24,2	3520	2750	0,31	0,95	0,38	1,06	0,94	14160	16,50
CHK	9,0 x 27,0	4400	3520	0,35	1,06	0,43	1,20	1,21	17980	20,70
CHK	9,5 x 28,5	5070	4070	0,37	1,12	0,43	1,23	1,34	20000	22,90
CHK	10,0 x 28,0	5510	4400	0,39	1,10	0,47	1,34	1,48	22480	25,40
CHK	10,0 x 30,0	5510	4400	0,39	1,18	0,49	1,34	1,48	22480	25,40
CHK	11,2 x 34,0	7070	5660	0,44	1,34	0,55	1,50	1,88	27870	31,20
NEW	CXK** 16,0 x 45,0	13200	10580	0,63	1,77	0,76	2,14	3,99	56840	77,30
NEW	CXK** 18,0 x 50,0	17850	14280	0,71	1,97	0,85	2,41	5,03	72115	97,30
NHC*	5,0 x 24,0	–	–	0,20	0,94	0,28	0,71	0,31	–	5,50
NHC*	5,0 x 25,0	–	–	0,20	0,98	0,28	0,69	0,30	–	5,50
NHC*	5,0 x 25,2	–	–	0,20	0,99	0,28	0,69	0,30	–	5,50

a = Hand driven SF 4:1

b = Motor driven class 1 Bm SF 5:1

* Hand chain

**Duplex material AISI 318LN

15% surcharge for bundles less than 20m ≈ 65,62 ft, 10% surcharge less than 50m ≈ 164,04 ft,

3,15 \$/lbs surcharge for electropolishing (not discountable)



cromox Hoist Chain QHK, Grade 80 similar to DIN 5684, tested, calibrated, bright polished

Type		W.L.L. [lbs]		Dimensions [inch]				Weight [lbs]	Breaking Force [lbs]	\$/ft
		a	b	d	t	b ₁ min.	b ₂ max.			
QHK	7,0 x 21,0	3620	2645	0,28	0,83	0,33	0,93	0,74	13030	15,30

cromox Swivel Load Hooks CWHF, Grade 60 for direct connection to chain

Type		Fitting Chain mm	W.L.L. [lbs]	Dimension [inch] g	Weight [lbs]	\$/pc
CWHF	40	4,0 x 12/12,1/12,3	880	0,80	0,99	345,40
CWHF	50	5,0 x 15/15,1/15,3	1380	0,80	0,99	345,40
CWHF	60	6,0 x 18/16,7	1980	0,98	2,43	434,50
CWHF	63	6,3 x 19,1	2200	0,98	2,43	434,50
CWHF	70	7,0 x 21/22	2750	0,98	2,43	434,50
CWHF	71	7,1 x 20,5/21,2	2750	0,98	2,43	434,50
CWHF	80	8,0 x 24/24,2	3520	1,57	7,72	636,00
CWHF	90	9,0 x 27	4400	1,57	7,72	636,00
CWHF	95	9,5 x 28,5	5070	1,57	7,72	636,00
CWHF	100	10,0 x 28/30	5510	1,57	7,72	636,00



Material	
Body	AISI318LN
Safety Latch	AISI318LN
Spring	AISI301
Bolt	AISI318LN
Half Shell	AISI318LN
Screws / Nuts	AISI318LN
Safety Pin	AISI301
Ball Bearings	AISI440C



Swivel Load Hooks Grade 80

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cromox Swivel Load Hook QWHF, Grade 80
for direct connection to chain

Type	Fitting Chain [mm]	W.L.L. [lbs]	Dimension [inch] g	Weight [lbs]	\$/pc
QWHF 70	QHK 7	3520	1,57	7,72	636,00



Material	
Body	AISI 318LN
Safety Latch	AISI 318LN
Spring	AISI 301
Bolt	AISI 318LN
Half Shell	AISI 318LN
Screw / Nut	AISI 318LN
Safety Pin	AISI 301
Ball Bearings	AISI 440C

Product benefits:

- Superior corrosion resistance
- Easy rotation under full load (stainless steel ball bearings)
- Designed for moving heavy loads safely
- Safe and efficient handling through compact, heavy-duty design
- Certificate EN 10204 -3.1 upon request





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cromox Chain CK, Grade 60 similar DIN 5687, AISI 316L, blasted

Type	W.L.L. [lbs]	Dimensions [inch]				Weight [lbs]	\$/ft
		d	t	b ₁ min.	b ₂ max.		
CK 3 *	440	0,12	0,55	0,20	0,49	0,11	3,20
CK 4	880	0,16	0,47	0,20	0,54	0,24	4,80
CK 5	1320	0,20	0,59	0,25	0,73	0,36	6,50
CK 6	1980	0,24	0,71	0,31	0,87	0,54	8,80
CK 7	2750	0,28	0,83	0,36	1,02	0,74	11,50
CK 8	3300	0,31	0,94	0,41	1,17	0,94	14,30
CK 10	5400	0,39	1,18	0,51	1,46	1,48	21,70
CK 13	8480	0,51	1,54	0,67	1,89	2,55	36,80
CK 16	13250	0,63	1,89	0,82	2,33	3,83	61,50
CX 18 **	17650	0,71	2,13	0,96	2,55	4,91	78,80

15% surcharge for bundles less than 20m ≈ 65,62 ft, 10% surcharge less than 50m ≈ 164,04 ft,
3,15 \$/lbs surcharge for electropolishing (not discountable)

*Factory standard, not marked

**Duplex material AISI 318LN



cromox Chain CDK, Grade 60

AISI 316L similar to DIN 766, tested, calibrated, bright polished

Type	Dimensions [inch]				W.L.L. [lbs]	Weight [lbs]	Breaking Force [lbs]	\$/ft
	d	t	b ₁ min.	b ₂ max.				
CDK 4	0,16	0,63	0,21	0,55	880	0,71	3596	4,50
CDK 5	0,20	0,73	0,24	0,67	1320	1,10	5615	6,20
CDK 6	0,24	0,73	0,28	0,82	1980	1,72	8091	8,70
CDK 7	0,28	0,87	0,33	0,94	2750	2,43	11237	11,50
CDK 8	0,31	0,94	0,38	1,07	3300	2,98	13933	13,90
CDK 10	0,39	1,10	0,47	1,42	5400	4,96	22024	22,20
CDK 13	0,51	1,42	0,61	1,85	8480	8,60	34608	37,70
NEW CDK 14	0,55	1,61	0,66	1,97	9695	9,70	41575	42,50
NEW CDK 16	0,63	1,77	0,76	2,28	13250	12,79	53936	62,70

Material AISI 316L
Surface blasted

Alternatives in NAUTIC

Material AISI 318LN
Surface polished, e-polished

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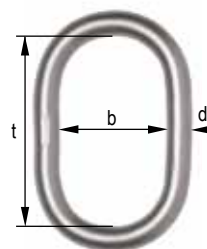


Master Links and Sub-Assembly

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cromox Master Links CAG/CBG, Grade 60 1- and 2-leg, blasted

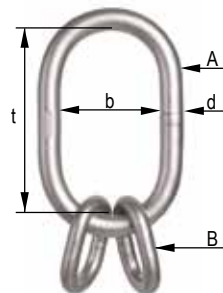
Type	W.L.L. [lbs]	for Chain		Dimensions [inch]			Weight [lbs]	\$/pc
		1-leg	2-leg	d	t	b		
NEW CAG 6 *	505	—	—	0,24	2,36	0,98	0,09	7,90
CAG 8 *	880	1/8	—	0,31	2,13	1,18	0,15	9,90
CAG 10	1320	3/16	1/8	0,39	3,15	1,97	0,33	16,50
CAG 13	3300	7/32 to 5/16	3/16 to 7/32	0,51	4,33	2,36	0,75	22,40
CAG 16	5400	3/8	1/4 to 5/16	0,63	4,33	2,36	1,17	30,30
CAG 18	7825	—	3/8	0,71	5,31	2,95	1,76	43,90
CAG 22	13250	1/2 to 5/8	1/2	0,87	6,30	3,54	3,31	75,90
CAG 26	17630	11/16	5/8	1,02	7,09	3,94	5,07	111,00
CAG 32	26450	3/4	11/16	1,26	7,87	4,33	8,60	184,70
CAG 36	35620	—	3/4	1,42	10,24	5,51	14,00	289,20
CBG 5	880	—	—	0,20	0,87	0,35	0,03	6,30
CBG 6	1320	—	—	0,24	1,02	0,51	0,04	7,50
CBG 8	2750	—	—	0,31	1,38	0,75	0,10	10,50
CBG 10	3300	—	—	0,39	1,73	0,98	0,20	14,70
CBG 13	5400	—	—	0,51	2,13	0,98	0,43	19,20
CBG 16	8480	—	—	0,63	2,76	1,34	0,82	24,90
CBG 18	13220	—	—	0,71	3,35	1,57	1,17	34,20
CBG 22	16750	—	—	0,87	4,53	1,97	2,35	58,00
CBG 26	21160	—	—	1,02	5,51	2,56	4,02	92,30



*for special purposes

cromox Sub-Assembly CAK, Grade 60 3- and 4-leg, blasted

Type	W.L.L. [lbs]		for Chain	Dimensions [inch]			Weight [lbs]	\$/pc
	$\beta = 45^\circ$	$\beta = 30^\circ$		d	t	b		
CAK 10/8	1760	1320	1/8	A0,39 B0,31	A3,15 B1,38	A1,97 B0,75	0,53	37,40
CAK 13/10	2865	1980	3/16	A0,51 B0,39	A4,33 B1,73	A2,36 B0,98	1,15	51,50
CAK 16/13	5840	4075	7/32 to 1/4	A0,63 B0,51	A4,33 B2,13	A2,36 B0,98	2,14	68,40
CAK 18/16	7160	5070	5/16	A0,71 B0,63	A5,32 B2,76	A2,95 B1,34	3,53	93,50
CAK 22/18	11350	8045	3/8	A0,87 B0,71	A6,30 B3,35	A3,54 B1,57	6,08	144,00
CAK 26/22	17960	12675	1/2	A1,02 B0,87	A7,09 B4,53	A3,94 B1,96	9,81	226,90
CAK 32/26	27770	19835	5/8	A1,26 B1,02	A7,87 B5,51	A4,33 B2,56	16,64	354,80



Material

CAG/CBG 5-6

AISI 316L

CAG/CBG 8-36

AISI 318LN



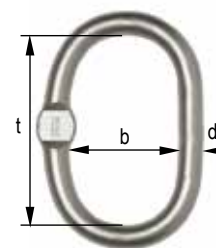
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cromox Master Links CAGF/CBGF, Grade 60 1- and 2-leg, blasted

These master links have a flattened section to allow the use of connectors (e.g. clevis shackles type CGS).

Type	W.L.L. [lbs]	for Chain		Dimensions [inch]			Weight [lbs]	\$/pc
		1-leg	*2-leg	d	t	b		
CAGF 10	1320	3/16	1/8	0,39	3,15	1,97	0,33	18,30
CAGF 13	3300	7/32 to 5/16	3/16 to 7/32	0,51	4,33	2,36	0,75	25,90
CAGF 16	5400	3/8	1/4 to 5/16	0,63	4,33	2,36	1,17	34,70
CAGF 18	7825	–	3/8	0,71	5,31	2,95	1,76	49,00
CAGF 22	13250	1/2 to 5/8	1/2	0,87	6,30	3,54	3,31	82,80
CAGF 26	17630	11/16	5/8	1,02	7,09	3,94	5,07	121,30
CAGF 32	26450	3/4	11/16	1,26	7,87	4,33	8,60	197,40
CAGF 36	35620	–	3/4	1,42	10,24	5,51	14,00	305,40
CBGF 10	3300	–	–	0,39	1,73	0,98	0,20	16,30
CBGF 13	5400	–	–	0,51	2,13	0,98	0,43	22,80
CBGF 16	8480	–	–	0,63	2,76	1,34	0,82	29,30
CBGF 18	13225	–	–	0,71	3,35	1,57	1,17	39,30
CBGF 22	16750	–	–	0,87	4,53	1,97	2,35	64,90
CBGF 26	21160	–	–	1,02	5,51	2,56	4,02	102,50

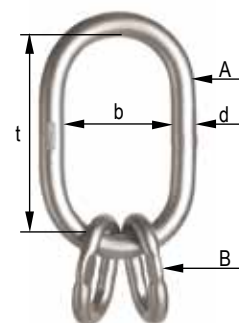
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*Angle of inclination 0 – 45°

cromox Sub-Assembly CAKF, Grade 60 3- and 4-leg, blasted

Type	W.L.L. [lbs]		for Chain	Dimensions [inch]			Weight [lbs]	\$/pc
	$\beta = 45^\circ$	$\beta = 30^\circ$		d	t	b		
CAKF 13/10	2865	1980	3/16	A0,51 B0,39	A4,33 B1,73	A2,36 B0,98	1,15	54,90
CAKF 16/13	5840	4075	7/32 to 1/4	A0,63 B0,51	A4,33 B2,13	A2,36 B0,98	2,14	75,50
CAKF 18/16	7160	5070	5/16	A0,71 B0,63	A5,32 B2,76	A2,95 B1,34	3,53	102,30
CAKF 22/18	11350	8045	3/8	A0,87 B0,71	A6,30 B3,35	A3,54 B1,57	6,08	154,30
CAKF 26/22	17960	12675	1/2	A1,02 B0,87	A7,09 B4,53	A3,94 B1,96	9,81	240,80
CAKF 32/26	27770	19835	5/8	A1,26 B1,02	A7,87 B5,51	A4,33 B2,56	16,64	389,70



Material AISI 318LN

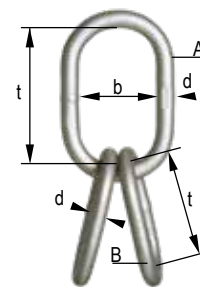


Sub-Assembly for Ropes CAKS

ROSTFREI
STAINLESS
INOX

cromox Sub-Assembly for Ropes CAKS, Grade 60 blasted

Type	W.L.L. [lbs]		Dimensions [inch]			Weight [lbs]	\$/pc
	$\beta = 45^\circ$	$\beta = 30^\circ$	d	t	b		
CAKS 16/13	3970	2755	A0,63 B0,51	A4,33 B4,33	A2,36 B2,36	2,67	74,90
CAKS 16/16	5400	3745	A0,63 B0,63	A4,33 B4,33	A2,36 B2,36	3,51	90,50
CAKS 18/16	7160	4960	A0,71 B0,63	A5,31 B4,33	A2,95 B2,36	4,10	104,20
CAKS 22/18	11020	7715	A0,87 B0,71	A6,30 B5,31	A3,54 B2,95	6,83	163,40
CAKS 26/22	18735	13115	A1,02 B0,87	A7,09 B6,30	A3,94 B3,54	11,68	262,70
CAKS 32/26	23695	16530	A1,26 B1,02	A7,87 B7,09	A4,33 B3,94	18,74	407,90
CAKS 36/32	29975	20940	A1,42 B1,26	A10,24 B7,87	A5,51 B4,33	31,20	661,00



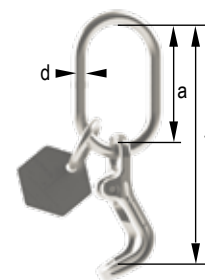
Material

AISI 318LN



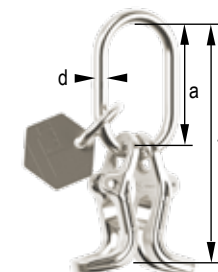
cromox Sub-Assembly CVK, Grade 60 blasted, 1-leg

Type	W.L.L. [lbs]		Dimensions [inch]			Weight [lbs]	\$/pc
		d	t	a			
CVK 1 – 5	1320	0,39	6,81	3,15	1,21	137,70	
CVK 1 – 6	1980	0,51	8,74	4,33	2,12	162,70	
CVK 1 – 7	2750	0,51	9,49	4,33	2,65	189,20	
CVK 1 – 8	3300	0,51	10,16	4,33	3,31	204,80	
CVK 1 – 10	5400	0,63	11,69	4,33	5,95	306,40	
CVK 1 – 13	8480	0,87	15,87	6,30	13,60	593,90	
CVK 1 – 16	13250	0,87	18,07	6,30	20,44	814,20	



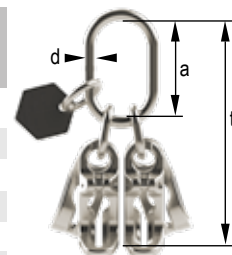
cromox Sub-Assembly CVK, Grade 60 blasted, 2-leg

Type	W.L.L. [lbs]		Dimensions [inch]			Weight [lbs]	\$/pc
	45°	30°	d	t	a		
CVK 2 – 5	1875	1320	0,51	7,99	4,33	2,40	232,90
CVK 2 – 6	2755	1980	0,51	8,74	4,33	3,13	276,70
CVK 2 – 7	3855	2750	0,63	9,49	4,33	4,85	337,70
CVK 2 – 8	4740	3300	0,63	10,16	4,33	5,95	368,90
CVK 2 – 10	7605	5400	0,71	12,68	5,31	10,96	573,50
CVK 2 – 13	11900	8480	0,87	15,87	6,30	23,52	1086,00
CVK 2 – 16	18515	13250	1,02	18,86	7,09	38,96	1561,00



cromox Sub-Assembly CVK, Grade 60 blasted, 4-leg

Type	W.L.L. [lbs]		Dimensions [inch]			Weight [lbs]	\$/pc
	45°	30°	d	t	a		
CVK 4 – 5	2865	1985	0,51/0,39	9,72	4,33	4,12	448,50
CVK 4 – 6	4190	2975	0,63/0,51	10,87	4,33	6,53	550,20
CVK 4 – 7	5840	4080	0,63/0,51	11,61	4,33	9,13	656,40
CVK 4 – 8	7165	5070	0,71/0,63	13,90	5,31	12,72	743,90
CVK 4 – 10	11350	8045	0,87/0,71	17,01	6,30	24,10	1170,40
CVK 4 – 13	17965	12675	1,02/0,87	21,18	7,09	49,87	2222,00
CVK 4 – 16	27770	19835	1,26/1,02	25,16	7,87	84,04	3231,40



Material	
Master Links	AISI 318LN
CVE	AISI 318LN
Rope	AISI 304
Identification Tag	AISI 304

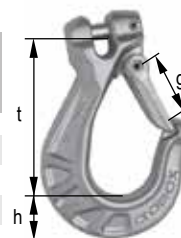


Clevis Hooks, Eye Hooks and Swivel Load Hooks

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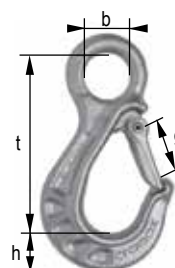
cromox Clevis Hooks CGHF, Grade 60 with safety latch, blasted

Type	W.L.L. [lbs]	Dimensions [inch]			Weight [lbs]	\$/pc
		t	g	h		
CGHF 05	1320	3,07	0,98	0,87	0,88	117,90
CGHF 06	1980	3,07	0,98	0,87	0,88	120,20
CGHF 07	2750	3,82	1,26	1,10	1,68	162,40
CGHF 08	3300	3,82	1,26	1,10	1,68	162,40
CGHF 10	5400	4,76	1,57	1,34	3,17	241,00



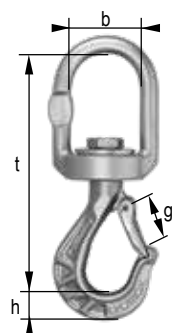
cromox Eye Hooks COHF, Grade 60 with safety latch, blasted

Type	W.L.L. [lbs]	t	Dimensions [inch]			Weight [lbs]	\$/pc
			g	b	h		
COHF 04	880	2,95	0,79	0,67	0,67	0,41	91,50
COHF 05/06	1980	3,94	0,98	0,98	0,87	0,77	95,40
COHF 07/08	3300	4,96	1,26	1,06	1,10	1,74	132,30
COHF 10	5400	6,30	1,57	1,46	1,34	3,02	238,00
COHF 13	8480	7,48	1,97	1,89	1,77	6,61	317,20
COHF 16	13250	9,06	2,60	2,17	2,01	10,58	439,30
COHF 18	17650	10,04	2,76	2,56	2,20	14,11	592,30



cromox Swivel Load Hooks with bracket CWHB, Grade 60 blasted

Type	W.L.L. [lbs]	t	Dimensions [inch]			Weight [lbs]	\$/pc
			g	b	h		
CWHB 4/5	1320	4,72	0,79	1,57	0,63	1,43	398,50
CWHB 6/7	2755	6,50	0,98	1,93	0,83	2,18	479,80
CWHB 8/10	5510	9,25	1,57	2,52	1,30	5,97	604,80



Material

Body	AISI318LN
Safety Latch	AISI318LN
Bolt	AISI318LN
Safety Pin	AISI301
Bracket	AISI318LN
Nut	AISI318LN
Washer	AISI318LN
Ball Bearings	AISI440C



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Connecting Links and Clevis Shackle

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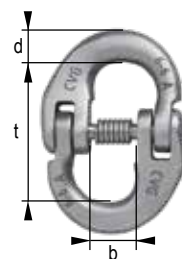
cromox Clevis Shackle CGS, Grade 60 tested, blasted

Type	W.L.L. [lbs]	t	Dimensions [inch]			Weight [lbs]	\$/pc
			g	h			
NEW CGS 04	880	0,75	0,59	0,26	0,13	53,30	
NEW CGS 05	1320	0,83	0,67	0,28	0,16	57,80	
CGS 06	1980	1,02	0,79	0,28	0,35	62,40	
CGS 07	2750	1,18	0,91	0,35	0,51	68,90	
CGS 08	3300	1,18	0,91	0,35	0,51	68,90	
CGS 10	5400	1,57	1,10	0,43	1,01	89,20	
CGS 13	8480	1,89	1,50	0,55	1,05	122,20	
CGS 16	13250	2,09	1,65	0,67	2,65	198,50	
NEW CGS 18	17650	2,42	1,89	0,77	4,08	257,90	



cromox Connecting Links CVG, Grade 60 tested, blasted

Type	W.L.L. [lbs]	t	Dimensions [inch]			Weight [lbs]	\$/pc
			g	h			
CVG 06	1980	1,65	0,59	0,30	0,19	64,20	
CVG 07	2750	1,65	0,59	0,37	0,20	72,20	
CVG 08	3300	2,17	0,71	0,45	0,33	78,00	
CVG 10	5400	2,72	0,87	0,57	0,68	90,80	
NEW CVG 13	8480	2,95	1,14	0,59	1,14	125,00	
NEW CVG 16	13250	3,62	1,42	0,73	2,16	201,70	



Material

Body	AISI318LN
Bolt	AISI318LN
Safety Pin	AISI301
Spring	AISI301

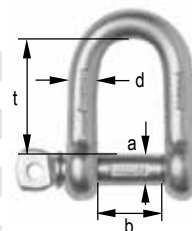


cromox

cromox D-Shackle CSA, Grade 60 tested, bright polished

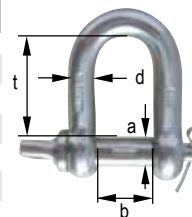
Type	W.L.L. [lbs]	a	Dimensions [inch]			Weight [lbs]	\$/pc
			d	t	b		
CSA 04	880	0,28	0,24	0,91	0,47	0,08	7,00
CSA 05	1320	0,35	0,31	0,94	0,67	0,15	12,50
CSA 06	1980	0,43	0,39	1,38	0,79	0,30	19,70
CSA 08	3300	0,51	0,47	1,61	0,98	0,49	28,40
CSA 10	5400	0,71	0,63	2,52	1,26	1,12	67,20
CSA 13	8480	0,83	0,75	2,99	1,50	2,01	101,80
CSA 16	13250	0,75	0,63	2,52	1,26	1,21	225,20
CSA 18	17650	0,87	0,75	2,99	1,50	2,20	379,80
CSA 20	19835	1,02	0,87	3,46	1,73	4,19	590,80
CSA 22	24245	1,14	0,98	4,02	2,01	6,39	861,00
CSA 26	28650	1,26	1,14	4,49	2,24	6,83	1517,30
CSA 27	33060	1,38	1,26	5,04	2,52	9,59	2084,50
CSA 28	39670	1,50	1,38	5,51	2,76	11,68	2768,90

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cromox Safety-D-Shackle CSS, Grade 60 tested, bright polished

Type	W.L.L. [lbs]	a	Dimensions [inch]			Weight [lbs]	\$/pc
			d	t	b		
CSS 04	880	0,28	0,24	0,91	0,47	0,08	7,20
CSS 05	1320	0,35	0,31	0,94	0,67	0,15	14,90
CSS 06	1980	0,43	0,39	1,38	0,79	0,30	23,30
CSS 08	3300	0,51	0,47	1,65	0,98	0,50	30,90
CSS 10	5400	0,71	0,63	2,52	1,26	1,19	69,90
CSS 13	8480	0,83	0,75	2,99	1,50	2,08	117,80



Material	
Body	AISI316L
Bolt	AISI316L
Safety Pin	AISI301



Identification Tags

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cromox Identification Tags CA

Combination tag for single-leg and multi-leg slings, neutral, bright polished

Type		Weight [lbs]	\$/pc
CA SO	with rope and ferrule, without W.L.L. marking	0,22	11,50
CA SM	with rope and ferrule, with W.L.L. marking	0,22	19,30
CA LO	single, without rope and ferrule, without W.L.L. marking	0,22	7,20
CA LM	single, without rope and ferrule, with W.L.L. marking	0,22	16,90



cromox Service Tags CU bright polished

Type	marked with next inspection date	Weight [lbs]	\$/pc
CU S	neutral, with rope and ferrule	0,15	12,50
CU L	single, without rope and ferrule	0,15	6,70



Material	
Identification-Tag	AISI 304
Rope	AISI 304
Ferrule	AISI 304

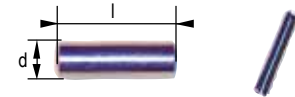
cromox Safety Latch Assembly CSG for CGHF and COHF, blasted

Type	Weight [lbs]	\$/pc
CSG 04	0,06	31,30
CSG 05/06	0,07	31,40
CSG 07/08	0,11	35,00
CSG 10	0,21	43,70
CSG 13	0,33	52,00
CSG 16/18	0,55	64,90



cromox Bolts and Pins CBP for CGHF, CGSL and CGS, bright polished

Type	Dimensions mm d / l	Weight [lbs]	\$/pc
CBP 05	0,24 x 1,10	0,02	11,00
CBP 06	0,31 x 1,10	0,02	11,50
CBP 07	0,31 x 1,26	0,03	11,80
CBP 08	0,39 x 1,26	0,04	12,70
CBP 10	0,51 x 1,57	0,10	15,40
CBP 13	0,63 x 1,77	0,15	23,80
CBP 16	0,79 x 2,17	0,31	26,70



Bolts and Pins CVGE for CVG

Type	Dimensions [inch] d l		Weight [lbs]	\$/pc
CVGE 06	0,20	1,73	0,02	12,90
CVGE 07	0,20	1,73	0,02	13,70
CVGE 08	0,24	1,97	0,04	15,40
CVGE 10	0,31	2,48	0,07	19,40
CVGE 13	0,39	3,19	0,11	24,80
CVGE 16	0,47	3,94	0,19	31,20



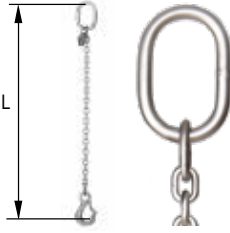
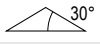
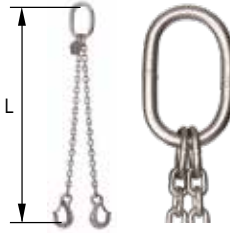
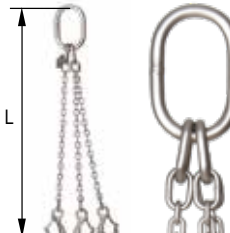
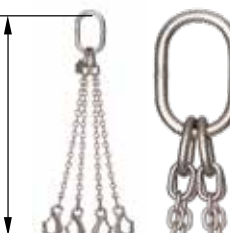
Material*	
Safety Latch	AISI318LN
Spring	AISI301
Safety Pin	AISI301
Bolt	AISI318LN

*valid for all items on the
right page



Chain Slings, Welded Systems

cromox Chain Slings, Grade 60 similar DIN 5688-1, blasted

Chain d [inch]	W.L.L.		Fitting Options			each add. m \$/m	L = Length 1000 mm ≈ 3,28 ft
	[lbs]		Eye Hook \$/pc	Master Link \$/pc	Dee Shackle \$/pc		
							
			CWH 1	CWE 1	CWS 1	CWX 1	
0,16	880		147,00	64,20	62,70	16,20	
0,20	1320		176,70	82,90	92,30	22,20	
0,24	1980		186,00	104,80	109,50	30,30	
0,28	2750		229,80	115,80	125,20	39,70	
0,31	3300		234,50	126,70	150,20	49,20	
0,39	5400		382,90	181,40	234,50	74,70	
0,51	8480		537,70	276,70	409,50	126,70	
0,63	13250		751,70	378,30	511,00	211,80	
0,71	17630		1203,30	590,80	914,20	272,00	
			CWH 2	CWE 2	CWS 2	CWX 2	
0,16	1210	880	287,70	123,50	109,50	32,30	
0,20	1875	1320	328,30	154,80	157,90	44,20	
0,24	2755	1980	339,20	178,30	184,50	60,40	
0,28	3855	2750	429,80	209,50	222,00	79,20	
0,31	4740	3300	442,30	223,50	273,50	98,20	
0,39	7605	5400	743,90	323,50	436,00	149,20	
0,51	11900	8480	1004,80	482,90	751,70	253,30	
0,63	18515	13250	1453,30	700,20	967,30	423,50	
0,71	24685	17630	2426,70	1184,50	1875,20	543,90	
			CWH 3	CWE 3	CWS 3	CWX 3	
0,16	1765	1320	423,50	165,80	157,90	48,40	
0,20	2865	1985	501,70	242,30	247,00	66,20	
0,24	4190	2975	545,40	304,80	315,80	90,50	
0,28	5840	4075	668,90	343,90	357,90	118,70	
0,31	7165	5070	715,80	392,30	464,20	147,30	
0,39	11350	8045	1181,40	556,40	722,00	223,70	
0,51	17960	12675	1620,40	856,40	1242,30	379,80	
0,63	27770	19835	2368,90	1254,80	1642,30	635,30	
			CWH 4	CWE 4	CWS 4	CWX 4	
0,16	1765	1320	553,30	207,90	198,50	64,50	
0,20	2865	1985	648,50	300,20	309,50	88,30	
0,24	4190	2975	697,00	372,00	386,00	120,70	
0,28	5840	4080	862,70	425,20	445,40	158,20	
0,31	7165	5070	911,00	476,70	576,70	196,30	
0,39	11350	8045	1522,00	684,50	907,90	298,30	
0,51	17965	12675	2070,40	1045,40	1565,80	506,40	
0,63	27770	19835	3015,80	1517,30	2047,00	1087,70	

Possible with shortener CVK look up pages 10 + 36. We are happy to help.





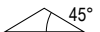
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Chain Slings, Mechanically Assembled Systems with

cromox Chain Slings, Grade 60 similar DIN 5688-1, blasted

Chain d [inch]	W.L.L. [lbs]		Clevis Hook \$/pc	Fitting Options Master Link \$/pc	Eye Hook \$/pc	each add. m \$/m	L = Length 1000 mm ≈ 3,28 ft
							
			CML 1	CME 1	CMH 1	CMX 1	
0,24	1980		281,40	265,80	351,70	30,30	
0,28	2750		348,50	301,70	415,80	39,70	
0,31	3300		354,80	309,50	420,40	49,20	
0,39	5400		478,30	364,20	579,80	74,70	
0,51	8480		–	501,70	767,30	126,70	
0,63	13250		–	648,50	1068,90	211,80	
			CML 2	CME 2	CMH 2	CMX 2	
0,24	2755	1980	526,70	495,40	662,70	60,40	
0,28	3855	2750	670,40	575,20	662,70	79,20	
0,31	4740	3300	681,40	590,80	801,70	98,20	
0,39	7605	5400	914,20	690,80	811,00	149,20	
0,51	11900	8480	–	923,50	1123,50	253,30	
0,63	18515	13250	–	1228,30	1457,90	423,50	
			CML 3	CME 3	CMH 3	CMX 3	
0,24	4190	2975	828,30	781,40	1034,50	90,50	
0,28	5840	4077	1028,30	886,00	1223,50	118,70	
0,31	7165	5069	1076,70	934,50	1273,50	147,30	
0,39	11350	8045	1447,00	1107,90	1748,50	223,70	
0,51	17960	12673	–	1536,00	2284,50	379,80	
0,63	27770	19836	–	2017,30	3164,20	634,50	
			CML 4	CME 4	CMH 4	CMX 4	
0,24	4190	2975	1070,40	1007,90	1347,00	121,70	
0,28	5840	4077	1337,70	1148,50	1601,70	158,20	
0,31	7165	5069	1392,30	1200,20	1653,30	196,30	
0,39	11350	8045	1870,40	1417,30	2270,40	298,30	
0,51	17960	12675	–	1897,00	2957,90	506,40	
0,63	27770	19835	–	2545,40	4070,40	1087,70	



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Chain Slings, Mechanically Assembled with Shortener CVK

cromox Chain Slings, Grade 60 similar DIN 5688-1, blasted

Chain d [inch]	W.L.L. [lbs]	Clevis Hook \$/pc	Fitting Options Master Link \$/pc	Eye Hook \$/pc	each add. m \$/m
					
		CMVL 1	CMVE 1	CMVH 1	CMX 1
0,20	1320	284,50	—	—	22,20
0,24	1980	303,30	292,30	373,50	30,30
0,28	2750	376,70	334,50	436,00	39,70
0,31	3300	439,20	351,70	459,50	49,20
0,39	5400	589,20	465,80	668,90	74,70
0,51	8480	—	839,20	1076,70	126,70
0,63	13250	—	1156,40	1504,80	211,80

L = Length 1000 mm
≈ 3,28 ft



			CMVL 2	CMVE 2	CMVH 2	CMX 2
0,20	1875	1320	529,80	—	—	44,20
0,24	2755	1980	581,40	531,40	715,80	60,40
0,28	3855	2750	712,70	623,50	856,40	79,20
0,31	4740	3300	839,20	667,30	895,40	98,20
0,39	7605	5400	1134,50	884,50	1279,80	149,20
0,51	11900	8480	—	1576,70	2051,70	253,30
0,63	18515	13250	—	2228,30	2934,50	423,50



			CMVL 4	CMVE 4	CMVH 4	CMX 4
0,20	2865	1980	978,30	—	—	88,30
0,24	4190	2975	1104,80	1051,70	1373,50	120,70
0,28	5840	4077	1398,50	1217,30	1697,00	158,20
0,31	7165	5069	1665,80	1323,50	1803,30	196,30
0,39	11350	8045	2261,00	1768,90	2582,90	298,30
0,51	17960	12675	—	1573,50	4086,00	506,40
0,63	27770	19835	—	4450,20	5848,50	1087,70



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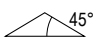




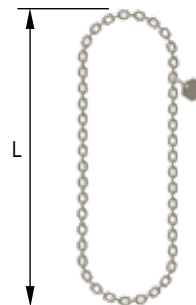
Loop Chain CELK

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cromox Loop Chain CELK, Grade 60, AISI 316L, blasted

Type	W.L.L. vertical [lbs]	W.L.L. [lbs]	W.L.L. [lbs]	\$/pc	each add. m \$/m
					
CELK 4	1765	990	660	56,40	32,30
CELK 5	2780	1545	1100	76,70	44,20
CELK 6	3970	2205	1545	93,90	60,30
CELK 7	5510	3090	2205	115,80	79,30
CELK 8	6830	3750	2645	137,70	98,20
CELK 10	10800	5950	4300	189,20	149,20
CELK 13	16970	9480	6720	293,90	253,30
CELK 16	26450	14550	10580	506,40	423,50

L = Length 1000 mm $\approx$ 3,28 ft $\triangle$ Circumference
 2000 mm $\approx$ 6,56 ft
 For unbalanced loads please follow
 table on page 40.



Note:
 Custom sizes and finishes upon request. Also available in AISI 318LN



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Load Capacity Table for Chain Slings

Ring- and hook-ended Slings similar DIN 5688 – 1 Grade 60

Method of lifting Angle of inclination β	W.L.L. in [lbs]*							
	1-leg		2-leg				3-leg	+ 4-leg
	direct 90°	tied 90°	direct 90° – 45°	tied 90° – 45°	direct 45° – 30°	tied 45° – 30°	direct 90° – 45°	direct 45° – 30°
Nominal chain thickness [inch] acc.to DIN 5687								
0,16	880	660	1200	990	880	660	1765	1320
0,20	1320	1100	1875	1545	1320	1100	2865	1985
0,24	1980	1545	2755	2205	1980	1545	4190	2975
0,28	2750	2205	3855	3085	2750	2205	5840	4080
0,31	3300	2645	4740	3745	3300	2645	7165	5070
0,39	5400	4300	7605	5950	5290	4300	11350	8045
0,51	8480	6830	11900	9475	8480	6830	17965	12675
0,63	13250	10600	18515	14765	13250	10600	27770	19835
0,71	17650	14120	24685	19725	17650	14120	37030	26450
The above-mentioned working load limits correspond approximately to the following load factors:								
	2,200	1,760	3,080	2,470	2,200	1,760	4,630	3,300
The strain must be reduced to 50 % of the W.L.L. for unbalanced lifting.								

*dependent on chain type and method of lifting.

Loop Chain vertically hanging

Basket Chain with Master Link

Method of lifting Angle of inclination β	*W.L.L. in [lbs]				*W.L.L. in [lbs]			
	direct single 90°	direct double 90°	tied single 90°	tied double 90°	90° – 45°	45° – 30°	90° – 45°	45° – 30°
Nominal chain thickness [inch] acc. to DIN EN 5687								
0,16	1765	3525	1320	2755	990	660	1430	990
0,20	2775	5510	2205	4410	1545	1100	2315	1655
0,24	3965	7935	3195	6280	2205	1545	3305	2315
0,28	5510	11020	4410	8815	3085	2205	4630	3305
0,31	6830	13665	5400	10910	3745	2645	5730	4075
0,39	10800	21600	8595	17190	5950	4300	9145	6390
0,51	16970	33940	13665	27110	9475	6830	14325	10140
0,63	26450	52895	21160	42315	14765	10600	22480	15870
0,71	35265	70530	28210	56420	19725	14120	29975	21160
The above-mentioned working load limits correspond approximately to the following load factors:								
	4,400	2x4,400	3,520	7,050	3,080	2,460	4,620	3,300

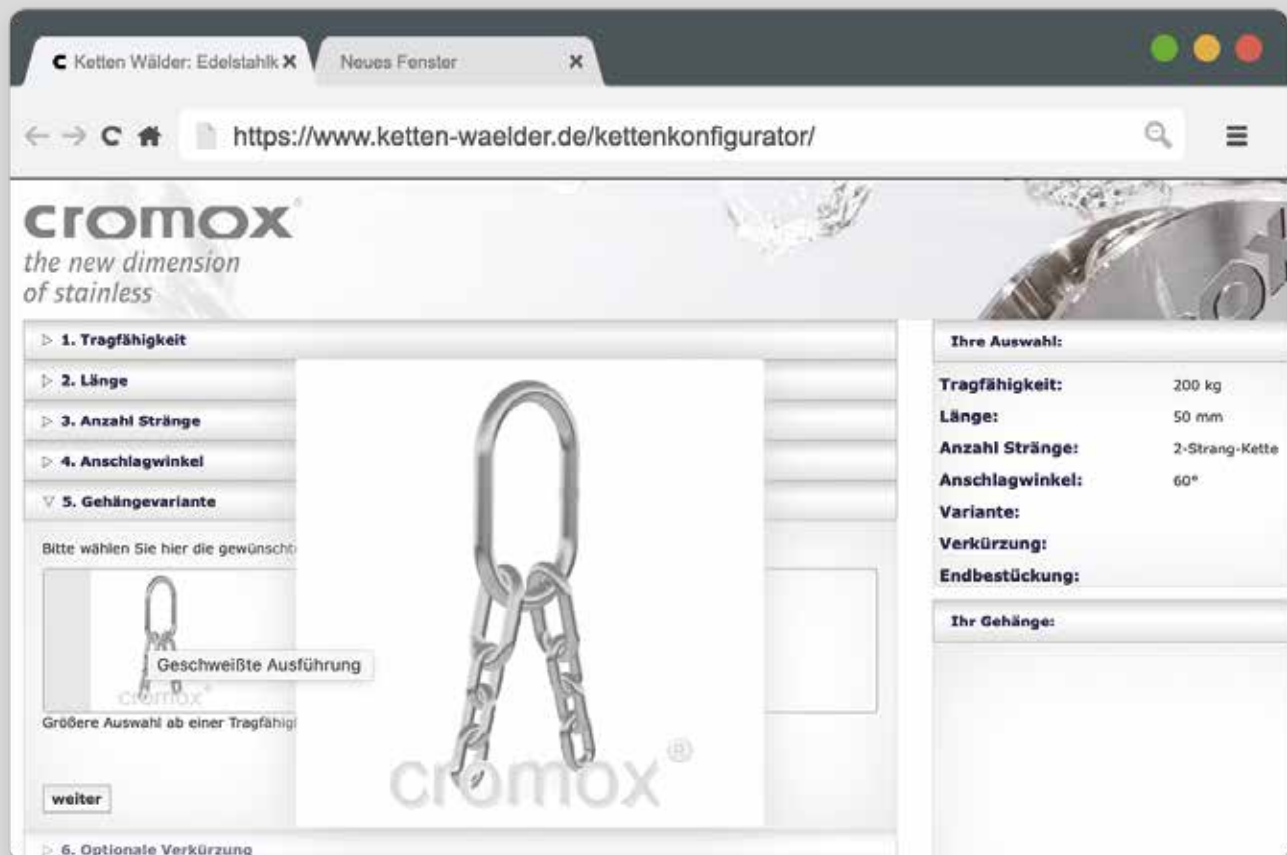
The strain must be reduced to 50 % of the W.L.L. for unbalanced lifting.

*dependent on chain type and method of lifting.



Use our new cromox Chain Configurator to quickly build a customized chain.

- <https://www.ketten-waelder.de/kettenkonfigurator/>





cromox Swivel Lifting Eye Screws CDS, Grade 60

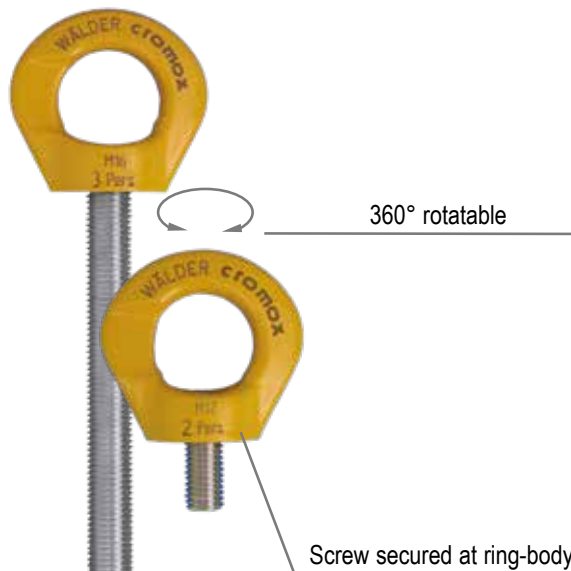
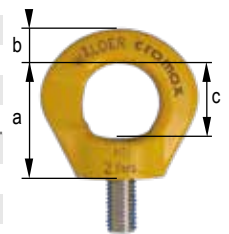
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Type	W.L.L. [lbs]	Dimensions [inch]			Thread	Wrench flats allen key	Weight [lbs]	\$/pc
		a	b	c				
CDS 05 - 22	1100	1,73	0,49	1,16	M 12 x 22	8	0,44	100,20
NEW CDS 05 - 50					M 12 x 50		0,50	102,50
NEW CDS 05 - 100					M 12 x 100		0,60	106,50
NEW CDS 05 - 200					M 12 x 200		0,79	112,80
CDS 1 - 25	2200	1,95	0,55	1,28	M 16 x 25	10	0,68	114,40
NEW CDS 1 - 50					M 16 x 50		0,77	117,50
NEW CDS 1 - 100					M 16 x 100		0,95	124,20
NEW CDS 1 - 200					M 16 x 200		1,30	136,70



cromox Swivel Eye Screws CDS-PSA, Grade 60 as Personal Protective Equipment

Type	for protection of max. pers.	Dimensions [inch]			Thread	Wrench flats allen key	Weight [lbs]	\$/pc
		a	b	c				
CDS PSA 2 - 22	2	1,73	0,49	1,16	M 12 x 22	8	0,44	151,40
NEW CDS PSA 2 - 50	2				M 12 x 50		0,50	157,90
NEW CDS PSA 2 - 100	2				M 12 x 100		0,60	165,80
NEW CDS PSA 2 - 200	2				M 12 x 200		0,79	176,70
CDS PSA 3 - 25	3	1,95	0,55	1,28	M 16 x 25	10	0,68	168,50
NEW CDS PSA 3 - 50	3				M 16 x 50		0,77	176,70
NEW CDS PSA 3 - 100	3				M 16 x 100		0,95	187,70
NEW CDS PSA 3 - 200	3				M 16 x 200		1,30	204,80



Product benefits:

- 360° rotation and adjustable in any load direction
- High fatigue resistance
- Ring-body and screw are 100 % crack detected
- Screw secured at ring-body
- Duplex material 1.4462 (AISI 318LN) ensures superior corrosion resistance
- Approved and certified as Personal Protective Equipment
- Tested acc. DIN EN 795, DIN CEN/TS 16415, DIN EN 50308



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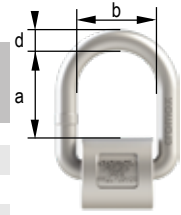
Material	
Ring Body	AISI318LN
Screw	AISI318LN
Locking Nut	AISI318LN



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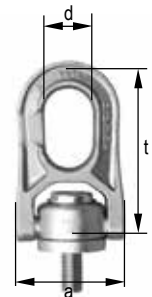
cromox Weld-on Lifting Points CSAG, AISI 318LN, Grade 60

Type	W.L.L. [lbs]	Dimensions [inch]			Weight [lbs]	\$/pc
		a	b	d		
CSAG 05	1100	1,30	1,18	0,39	0,36	31,20
CSAG 1	2205	1,73	1,57	0,51	0,82	45,40
CSAG 2	4410	2,05	2,17	0,71	2,11	87,70



cromox Swivel Lifting Points CDAW, AISI 318LN, Grade 60

Type	W.L.L. [lbs]	Dimensions [inch]			Thread	Wrench allen key	Weight [lbs]	\$/pc
		a	t	d				
CDAW M 14	2205	2,68	3,88	1,22	M 14 x 26	22/10	1,08	240,80
CDAW M 16	2755	2,68	3,88	1,22	M 16 x 26	22/10	1,10	240,80
CDAW M 20	3415	2,68	3,88	1,22	M 20 x 30	22/10	1,12	243,90



Product benefits:

- 360° rotation and adjustable in any load direction
- Flattened section for combination with CGS
- High fatigue resistance
- Easy fitting, detachable allen key 10 and wrench 22 screw
- W.L.L. marked on screw
- Tested acc. EN 1677-1, safety factor 4, grade 60
- All parts 100 % crack detected
- Screw secured at ring-body to prevent loss
- Duplex material 1.4462 (AISI 318LN) superior corrosion resistance

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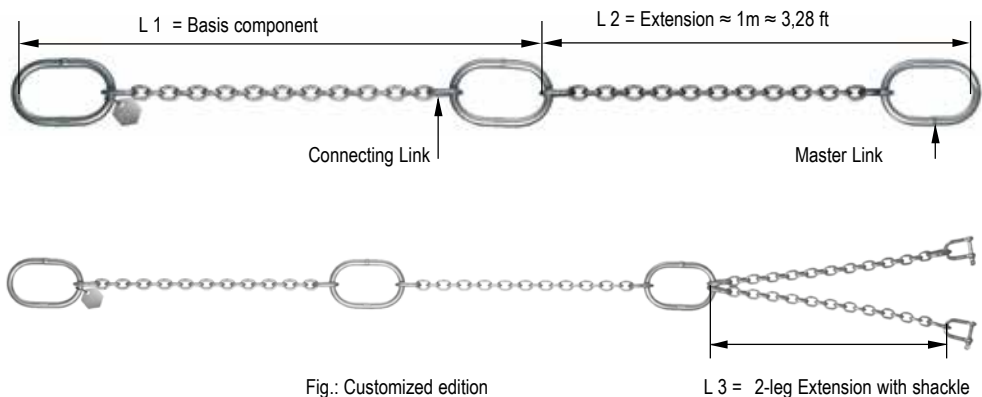
cromox Pump Chain CPK, AISI 316 / AISI 318LN, Grade 60, welded, tested, blasted

Type	W.L.L. [lbs]	Master Link mm	Chain mm	Joining Link mm	\$/pc L1	each add. m Extension L2 ≈ 1m
CPK 3	440	0,20 x 1,65 x 0,87	0,12 x 0,55	—	43,70	22,40
CPK 4	880	0,31 x 2,13 x 1,18	0,16 x 0,63	0,20 x 0,87 x 0,35	57,30	38,70
CPK 5	1320	0,39 x 3,15 x 1,97	0,20 x 0,59	0,24 x 1,02 x 0,51	71,00	49,80
CPK 6	1980	0,51 x 4,33 x 2,36	0,24 x 0,71	0,31 x 1,38 x 0,75	91,20	65,00
CPK 7	2750	0,51 x 4,33 x 2,36	0,28 x 0,83	0,31 x 1,38 x 0,75	99,80	72,20
CPK 8	3300	0,51 x 4,33 x 2,36	0,31 x 0,94	0,39 x 1,73 x 0,98	111,80	85,90
CPK 9	4400	0,63 x 4,33 x 2,36	0,35 x 1,06	0,51 x 2,13 x 0,98	136,00	105,50
CPK 10	5400	0,63 x 4,33 x 2,36	0,39 x 1,18	0,51 x 2,13 x 0,98	161,00	131,70
CPK 13	8480	0,87 x 6,30 x 3,54	0,51 x 1,54	0,63 x 2,76 x 1,34	262,70	209,00
CPK 16	13250	0,87 x 6,30 x 3,54	0,63 x 1,89	0,71 x 3,35 x 1,57	365,80	307,90
CPK 18	17650	1,02 x 7,09 x 3,94	0,71 x 2,13	0,87 x 4,53 x 1,97	528,30	478,30

Custom fittings and bespoke versions

Standard Length ≈ 1000 mm ≈ 3,28 ft, other lengths by request

L 1 = approximately 1 m ≈ 3,28 ft + one additional master link



Note: Many sizes also available in Duplex!



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cromox Conveyor Chain CFK, AISI 316L, Grade 60 tested, calibrated, blasted

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Type	Minimum Breaking Force [lbs]	Dimensions [inch]				Weight [lbs]	\$/ft
		d	t	b ₁ min.	b ₂ max.		
CFK 6 x 27,5	8090	0,24	1,08	0,35	0,83	1,50	7,70
CFK 8 x 25,4	13480	0,31	1,00	0,35	1,02	2,82	13,50
CFK 8 x 31,0	13480	0,31	1,22	0,41	1,10	2,78	13,00
CFK 9 x 27,0	17980	0,35	1,06	0,43	1,20	3,97	18,30
CFK 9 x 31,0	17980	0,35	1,22	0,46	1,24	3,64	16,90
CFK 10 x 31,0	21580	0,39	1,22	0,49	1,34	4,85	22,00
CFK 10 x 35,0	21580	0,39	1,38	0,49	1,34	4,63	21,00
NEW CFK 10 x 38,0	21580	0,39	1,50	0,49	1,34	4,41	20,20
CFK 13 x 45,0	34620	0,51	1,77	0,64	1,74	7,72	33,90

15% surcharge for bundles less than 20m ≈ 65,62ft, 10% surcharge less than 50m ≈ 164,04ft,
3,15 \$/lbs surcharge for electropolishing (not discountable)







NAUTIC



News

Anchor Chain

Anchor Twister

Forerunner Chain



cromox

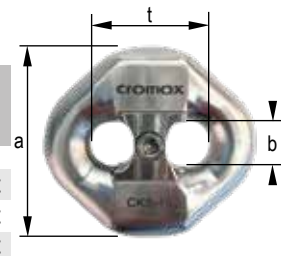


NEW

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cromox Kenter Shackle CKS, AISI 318LN, Grade 60 tested, blasted

Type	W.L.L. [lbs]	Dimensions [inch]			Weight [lbs]	\$/pc
		t	b	a		
CKS 13	8480	1,42	0,55	2,13	0,46	Price upon request
CKS 16	13250	1,77	0,69	2,76	0,93	Price upon request
CKS 18	17650	1,97	0,79	3,15	1,39	Price upon request

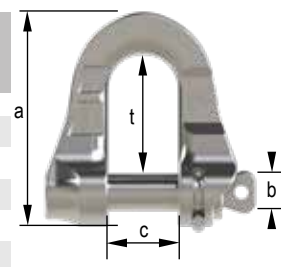


Product benefits:

- Durable, reusable joining element
- Simple assembly
- Best corrosion resistance
- Made of duplex 1.4462 (AISI 318LN)

cromox Quick Connection Shackle CSVS, AISI 318LN, Grade 60 tested, blasted

Type	W.L.L. [lbs]	Dimensions [inch]				Weight [lbs]	\$/pc
		t	b	a	c		
CSVS 06	1980	1,38	0,43	2,48	0,79	0,30	107,20
CSVS 08	3300	1,65	0,51	2,95	0,98	0,56	134,50
CSVS 10	5400	2,52	0,71	4,41	1,26	1,31	203,30
CSVS 13	8480	2,99	0,83	5,16	1,50	2,36	273,50
CSVS 16	13225	3,46	0,94	6,02	1,73	3,77	382,90



Product benefits:

- Safety-optimized, appealing design
- Custom design double locking
- Free turning of locked bolt
- Made of duplex 1.4462 (AISI 318LN)

**NEW**

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Windlass Anchor Chain

Typ Prenice 23 cromox Windlass Anchor Chain CDK/CIA, Grade 60
AISI 316L, measures acc. to DIN 766 and ISO 4565, tested, calibrated, bright polished

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Type	Norm	Dimensions [inch]				Weight [lbs]	Safe Working Load [lbs]	Breaking Force [lbs]	\$/ft
		d	t	b ₁ min.	b ₂ max.				
CDK 6	DIN 766	0,24	0,73	0,28	0,82	1,72	4215	8430	8,70
CDK 8	DIN 766	0,31	0,94	0,38	1,07	2,98	7080	14160	13,90
CDK 10	DIN 766	0,39	1,10	0,47	1,42	5,07	11235	22470	22,30
CDK 13	DIN 766	0,51	1,42	0,61	1,85	8,60	18765	37530	37,70
NEW CDK 14	DIN 766	0,55	1,61	0,66	1,97	9,70	20790	41580	42,50
NEW CDK 16	DIN 766	0,63	1,77	0,76	2,28	12,79	26965	53930	62,70
CIA 6	ISO 4565	0,24	0,71	0,32	0,85	1,76	4215	8430	8,80
CIA 8	ISO 4565	0,31	0,94	0,43	1,13	3,09	7080	14160	14,30
CIA 10	ISO 4565	0,39	1,18	0,53	1,42	4,85	11455	22910	21,70
CIA 12	ISO 4565	0,47	1,42	0,64	1,70	7,05	16010	32020	31,00

Typ Premium 35 cromox Windlass Anchor Chain CXA/CXI/CXP, Grade 60 PLUS
AISI 318LN Duplex, measures acc. to DIN 766, ISO 4565 and AS 2321, tested, calibrated, bright polished

Type	Norm	Dimensions [inch]				Weight [lbs]	Safe Working Load [lbs]	Breaking Force [lbs]	\$/ft
		d	t	b ₁ min.	b ₂ max.				
NEW CXA 5	DIN 766	0,20	0,73	0,24	0,67	1,10	2835	5670	7,30
CXA 6	DIN 766	0,24	0,73	0,28	0,82	1,72	4320	8640	10,30
CXA 8	DIN 766	0,31	0,94	0,38	0,72	2,98	7420	14840	16,40
CXA 10	DIN 766	0,39	1,10	0,47	1,42	4,96	11685	23370	26,50
CXA 13	DIN 766	0,51	1,42	0,61	1,85	8,60	19885	39770	44,20
NEW CXI 5	ISO 4565	0,20	0,59	0,26	0,71	1,19	2835	5670	7,30
CXI 6	ISO 4565	0,24	0,71	0,32	0,85	1,76	4320	8640	10,50
CXI 8	ISO 4565	0,31	0,94	0,43	1,13	3,09	7420	14840	17,00
CXI 10	ISO 4565	0,39	1,18	0,53	1,42	4,85	11685	23370	25,90
CXI 12	ISO 4565	0,47	1,42	0,64	1,70	7,05	17980	35960	36,30
NEW CXP 6	AS 2321	0,24	0,74	0,28	0,85	1,90	4220	8440	10,90
NEW CXP 8	AS 2321	0,31	0,94	0,38	1,06	3,09	7075	14150	17,50
NEW CXP 10	AS 2321	0,39	1,17	0,47	1,35	4,85	11245	22490	26,70
NEW CXP 13	AS 2321	0,51	1,50	0,61	1,69	7,45	18760	37520	44,30
NEW CXP 16	AS 2321	0,63	1,88	0,76	2,16	12,39	26965	53930	74,20

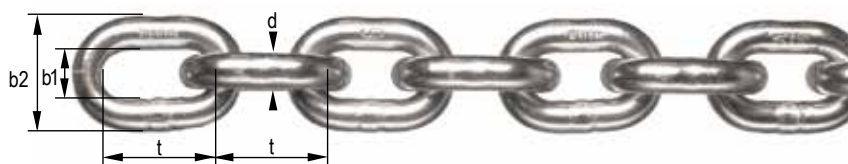


Typ Suprene 40 cromox Windlass Anchor Chain CSX, Grade 60 PLUS
Superduplex AISI F255, measures acc. to DIN 766, tested, calibrated, bright polished

Type	Dimensions [inch]				Weight [lbs]	Breaking Force [lbs]	\$/ft
	d	t	b ₁ min.	b ₂ max.			
CSX 8	0,31	0,94	0,38	1,07	2,98	14840	28,70

15% surcharge for bundles less than 20m ≈ 65,62ft, 10% surcharge less than 50m ≈ 164,04ft,
3,15 \$/lbs surcharge for electropolishing (not discountable)

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Benefits of electro-polishing! See page 57



Individualized cromox Anchor Chain.

Your boats own individual anchor chain.

Marked to your desire.

Contact us for more
information.



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Anchor Twister Original and Chain Wheels

cromox Anchor Twister Original CATO, Grade 60 PLUS
AISI 318LN Duplex, tested, bright polished

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NEU
NEW

Type	Dimensions [inch]			Weight [lbs]	Breaking Force [lbs]	\$/pc
	a	b	c			
CATO 8	8,15	0,67	1,69	2,65	14840	417,30
CATO 10	12,40	0,98	2,64	11,02	23370	467,30

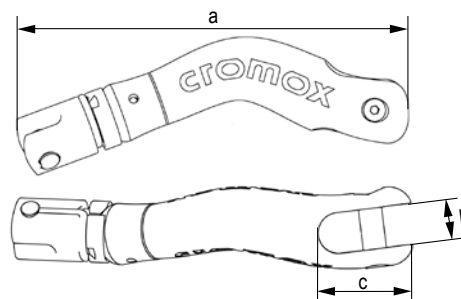


Special Design

Spherical Head

Product benefits:

- Self-acting orientation of the anchor while hoisting
- Applicable in fresh and salt water by use of Duplex steel AISI 318LN
- Special design for adjustment to bow roller
- Innovative system for quick exchangeability of the anchor
- Connection with a spherical head enables easy rotation of the anchor



BEST OF TEST

Your Stainless Steel Anchor Chain directly from the test winner

The Anchor Chain out of our product range **cromox** are meeting the highest requirements – following the result published by the magazine "Boote 12/2008".



cromox

cromox Forerunner Chain CKV, Grade 60 PLUS AISI318LN, bright polished

Type	Dimensions [inch]		Weight [lbs]	bigger end links	\$/pc L = ca. 1 m	each add. ft \$/ft
	d	t				
CKV 6	0,24	0,73	1,81	0,31 x 1,39 x 0,75	56,70	10,80
CKV 8	0,31	0,94	3,13	0,39 x 1,73 x 0,98	92,30	17,30
CKV 10	0,39	1,10	5,29	0,51 x 2,13 x 0,98	136,50	27,90
CKV 13	0,51	1,42	9,04	0,63 x 2,76 x 1,34	204,80	46,30

L = approx. 1 m ≈ 3,28 ft



Larger end-links on both sides to guide the anchor on the bottom.

Benefits of Electropolishing

Electrolytic polishing is an electrochemical process for surface treatment. It reduces the microroughness and overall surface area. Therefore dirt or product remains are much more unlikely to stick to the chain. The cleanability is improved. Electrolytic polishing is also used for deburring, buffing and passivating.

The process effects a metallurgical clean surface without defects. The material's corrosion resistance is fully exploited.

cromox Pocket Wheels, Chain Sprockets and Windlass Gypsies

Lifting, Moving, Transporting

Detailed information on page 62





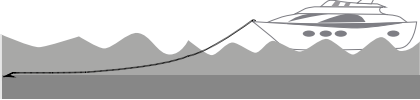
Choose the correct cromox Anchor Chain



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Anc.weight	Sail Boat			Power Boat			Sail / Power			Chain	
Anc.weight [lbs]	Weight [lbs]	Length m feet		Weight [lbs]	Length m feet		Weight [lbs]	Weight [lbs]	Length m feet		d [inch]
11	2645	6,0	20,0	3526	5,5	18,0	1763	2204	6,0	20,0	0,2
18	4408	7,0	23,0	5951	6,4	21,0	2424	3086	7,0	23,0	0,24
26	7934	8,6	28,0	10579	8,0	26,0	5290	6612	8,6	28,0	0,24
35	15428	11,0	36,0	20497	10,4	34,0	10359	13224	11,0	36,0	0,24-0,31
46	26448	12,8	42,0	35264	13,1	43,0	17632	22040	12,8	42,0	0,31
60	39672	14,5	48,0	52896	15,8	52,0	26448	33060	14,5	48,0	0,31-0,39
77	57304	16,0	53,0	77140	18,6	61,0	38129	48488	16,0	53,0	0,39
99	81548	17,8	58,0	110200	23,2	76,0	54439	68324	17,8	58,0	0,39-0,47
132	121220	20,0	66,0	160892	25,0	82,0	81548	101384	20,0	66,0	0,47-0,51
176	187340	22,4	74,0	246848	30,0	98,0	125628	156484	22,4	74,0	0,51
220	264480	24,4	80,0	352640	33,5	110,0	176320	220400	24,4	80,0	0,55
287	396720	27,0	89,0	528960	38,4	126,0	264480	330600	27,0	89,0	0,55-0,63
353	573040	30,0	98,0	771400	44,2	145,0	374680	462840	30,0	98,0	0,63
441	881600	34,0	110,0	1168120	51,0	168,0	584060	727320	34,0	110,0	0,71

Comparison Windspeed - Waterdepth - Anchor Chain Length

Windspeed	Wrap Length	
up to 10 knots	5 times the depth	
up to 35 knots	7 times the depth	
over 35 knots	10 times the depth	

Warranty

For Anchor Chain made of 1.4404/ AISI316L, there is no warranty against corrosion.

For Anchor Chain made of 1.4462/ AISI318LN, the following warranty conditions strictly apply:

Ketten Wlder GmbH guarantees for electropolished Chain made of 1.4462/ AISI318LN steel for a period of 3 years from date of purchase and for bright polished Chain out of 1.4462/AISI318LN for 2 years from date of purchase against corrosion.

The warranty can be extended by the manufacturer if the chain is returned to our service center in Bad Endorf, Germany, for inspection by our specialists at the end of its regular warranty period. If our technicians find your chain to be in good condition without major damages, the warranty will be extended. Where repairs are advised, an estimate will be provided. We can also refresh the surface protection layer for a nominal service fee.

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Material	AISI304L	AISI316/AISI316L	AISI318LN	AISIF255
PREN	16,5–20,26	23,1–28,5	30,85–38,07	37 – 44
CPT (°C)	10,0	24 - 27,5	27,5 – 34,5	> 70°C acc. to ASTM 648 6%





CUSTOM



Pocket Wheels

Chain Sprockets

Windlass Gypsies



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Pocket Wheels

cromox Pocket Wheels, Chain Sprockets and Windlass Gypsies

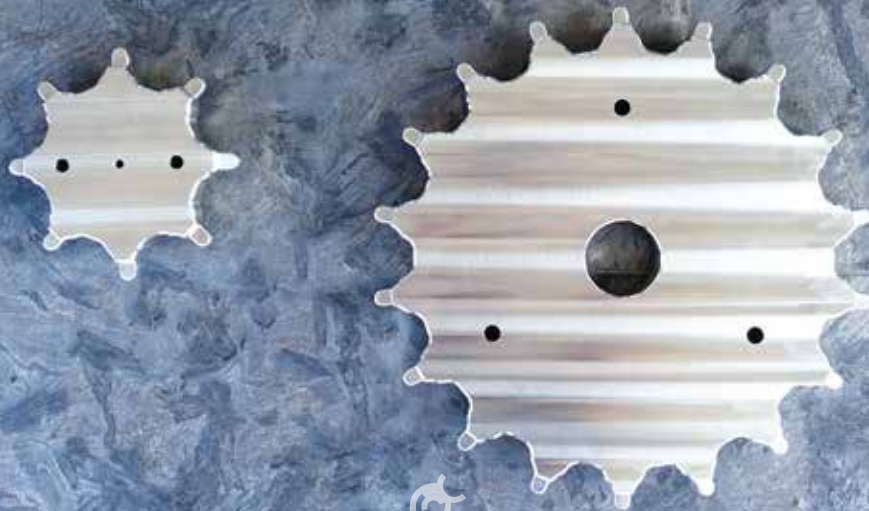
Lifting, Moving, Transporting

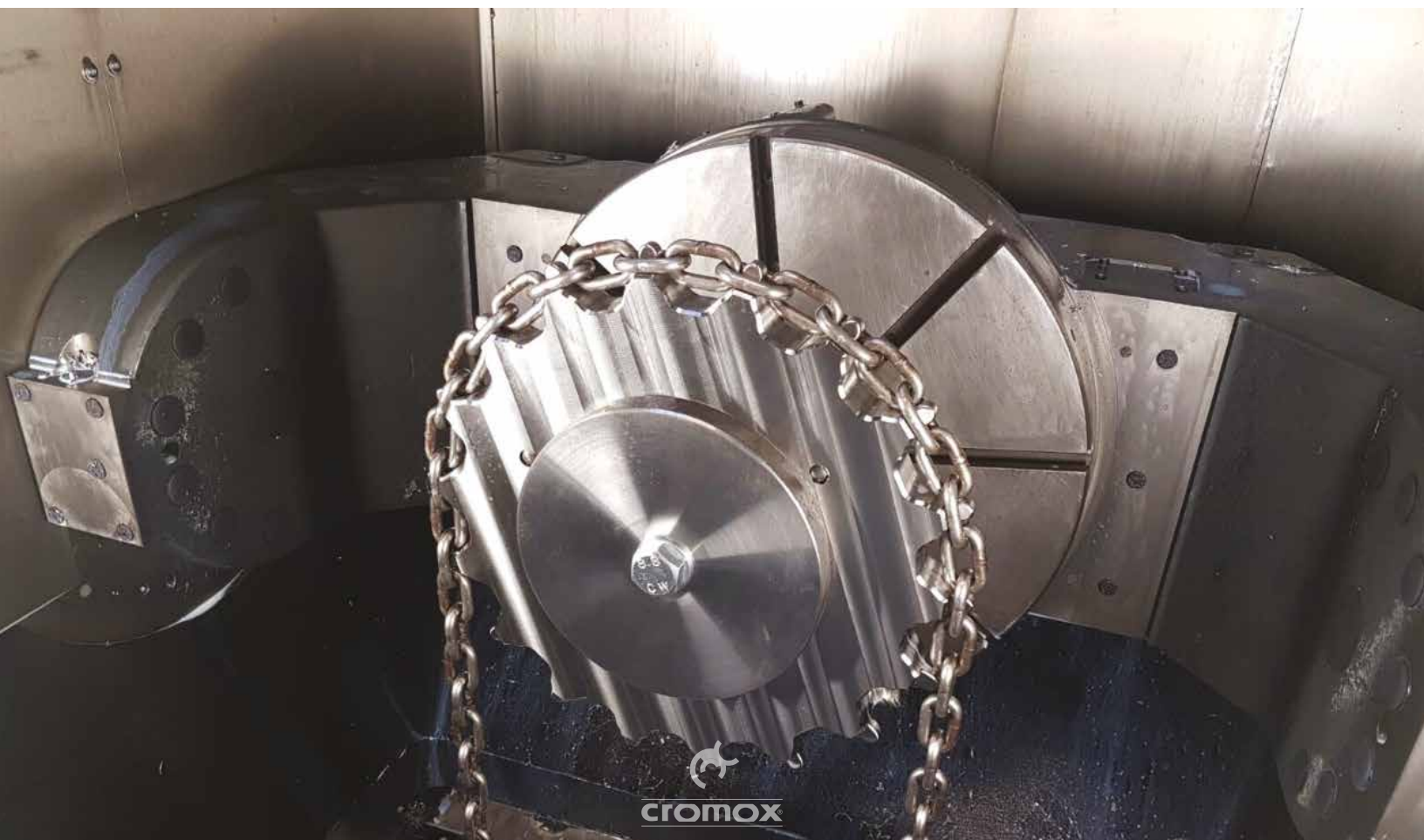
We manufacture pocket wheels, chain sprockets, and windlass gypsies based upon your individual specifications using our cutting-edge 5-axis CNC machine. The stainless steel and duplex-grade materials work well with our cromox line of products. Our precision engineering and manufacturing processes ensure precision reduced noise operation with low wear and tear. Optimized geometry provides the perfect load transmission with minimal stress in chain links.

Please speak with our sales staff directly for pricing and ordering information.



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PLAY



Swing Chain

Chain

Shackle

Eye Nuts

Eye Bolts

Rings

Custom Build



cromox

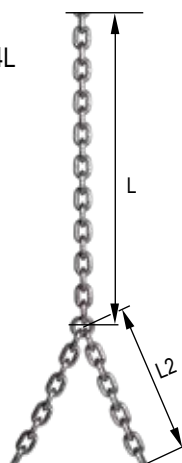


Stainless Steel Swing Chain and Components for Playgrounds

ROSTFREI
STAINLESS
INOX

Stainless Swing Chain NSKE,
consisting of chain DIN 766, 6 x 18,5 AISI 304L

Type	Basic Component [\$/pc]	each add. 100 mm [\$]
NSKE	31,90	2,30



Consisting of:

- Chain 6 x 18,5 L= approx. 1.000 mm, AISI 304L
- Ring 6 x 16, AISI 304L
- Spread 2 x 9 links 6 x 18,5 AISI 304L, L2 approx. 182mm

Stainless Swing Chain NSKR,
with Eye Nut and finger protection M8
consisting of chain DIN 766, 6 x 18,5 AISI 304L

Type	Basic Component [\$/pc]	each add. 100 mm [\$]
NSKR	45,90	2,30



Consisting of:

- Chain 6 x 18,5 L= approx. 1.000 mm, AISI 304L
- Ring 6 x 16, AISI 304L
- Spread 2 x 8 links 6 x 18,5 AISI 304L, L2 approx. 206mm
- 2 rings 6 x 16, AISI 304L, L2 approx. 206mm
- 2 eye nuts with finger protection, M8, AISI 304

Material	
Chain	AISI 304L
Ring	AISI 304L
Ring Nut	AISI 304





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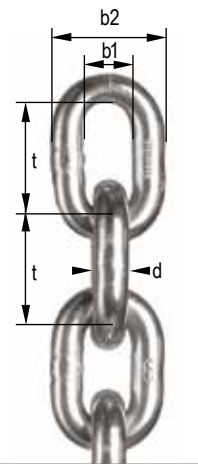
Stainless Steel Accessories for Playgrounds

ROSTFREI
STAINLESS
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Stainless Steel Chain NDK, Grade 40

AISI 304L similar to DIN 766, tested, calibrated, bright polished

Type	Dimensions [inch]				W.L.L. [lbs]	Weight [lbs]	Breaking Force [lbs]	\$/ft
	d	t	b ₁ min.	b ₂ max.				
NDK 5	0,20	0,73	0,24	0,67	880	1,10	3520	4,70
NDK 6	0,24	0,73	0,28	0,82	1210	1,72	4840	6,40
NDK 8*	0,31	0,93	0,38	1,07	2205	3,04	8820	10,40



15% surcharge for bundles less than 20m ≈ 65,62ft, 10% surcharge less than 50m ≈ 164,04ft,
3,15 \$/lbs surcharge for electropolishing (not discountable)

* Custom size for play grounds

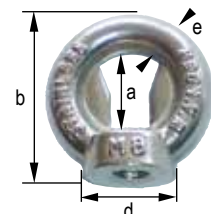
Stainless Allen Key D-Shackle NIS AISI 304

Type	Dimensions [inch]				Weight [lbs]	\$/pc
	a	b	c	d		
NIS 6	0,24	0,24	0,51	0,51	0,05	3,00



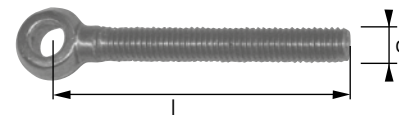
Stainless Steel Eye Nut NR AISI 304 similar DIN 582

Type	Dimensions [inch]				Weight [lbs]	\$/pc
	a	b	d	e		
NR M 8	0,75	1,42	0,79	0,31	0,09	4,20



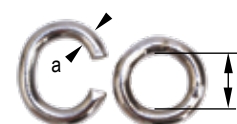
Stainless Steel Eye Bolts NM AISI 304 DIN 444

Type	Dimensions [inch]		Weight [lbs]	\$/pc
	d	l		
NM 107	M 10	2,76	0,11	4,80
NM 108	M 10	3,15	0,11	4,90
NM 1014	M 10	5,51	0,19	7,30



Stainless Steel Rings NRU/NRG AISI 304L

Dimensions [inch]		Weight [lbs]	Type not welded	\$/pc	Type welded	\$/pc
a	b					
0,24	0,63	0,03	NRU 616	1,06	NRG 616	5,20
0,24	0,71	0,03	NRU 618	1,06	NRG 618	5,20

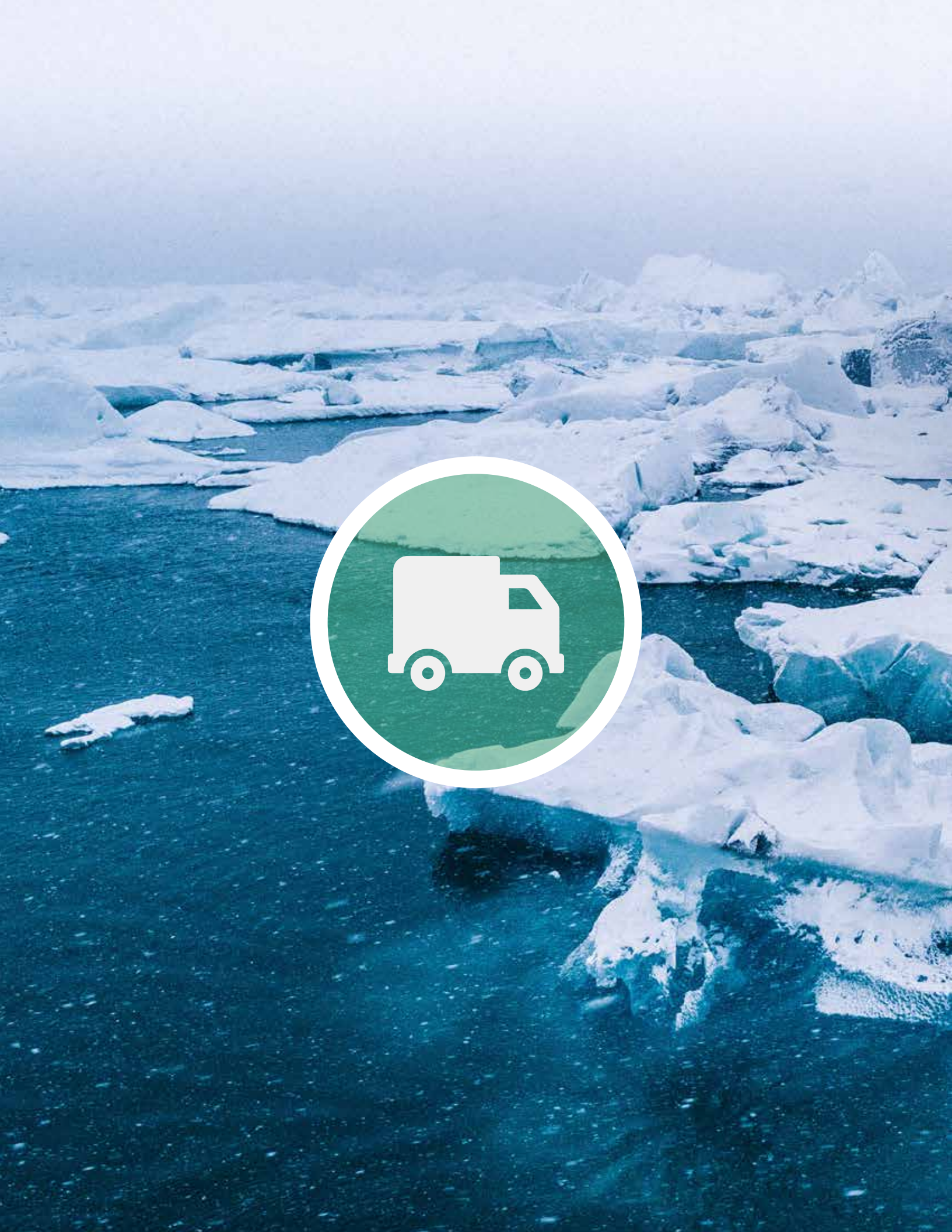


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For example:

Chain for Climbing Nets, Chain Bridges,
Wobby Bridges, Chain Labyrinths





TRADING



Chain

Shackle

Carabine Hooks

S-Hooks



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Stainless Steel Chain AISI 316

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The chain corresponding to DIN 5685-1 and DIN 5685-2 are not tested on strength according to DIN 685, part 3 and are not allowed to be used for lifting according to DIN 15003, as well as for static lifting.

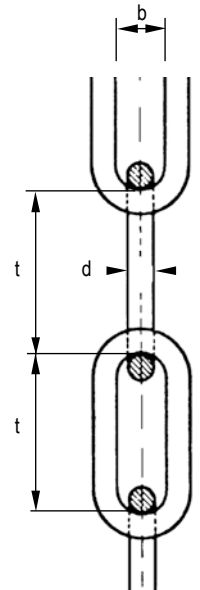
Stainless Steel Chain NC

AISI 316 similar to DIN 5685-1, long link, not tested

Type	approx. Dimensions [inch]			Weight [lbs]	Calculated Load capacity [lbs]	\$/ft
	d	t	b			
NC 2	0,08	0,87	0,14	0,13	56	0,80
NC 3	0,12	1,02	0,22	0,33	124	1,50
NC 4	0,16	1,26	0,28	0,60	225	2,40
NC 5	0,20	1,38	0,35	0,95	360	3,80
NC 6	0,24	1,65	0,43	1,39	449	5,30
NC 7	0,28	1,93	0,47	1,90	674	7,20
NC 8	0,31	2,05	0,55	2,43	899	9,50
NC 10	0,39	2,56	0,71	3,86	1416	14,90

NEU
NEW

Tested, calibrated on request. Bundle length 30 m.

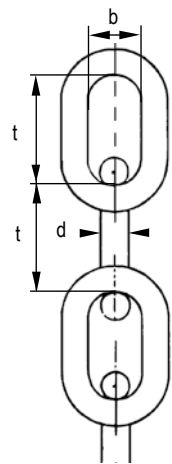


Stainless Steel Chain NA

AISI 316 similar to DIN 5685-2, short link, Form G, not tested

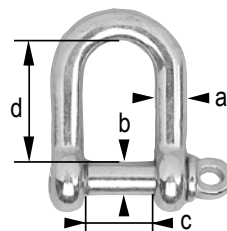
Type	approx. Dimensions [inch]			Weight [lbs]	Calculated Load capacity [lbs]	\$/ft
	d	t	b			
NA 2	0,08	0,47	0,14	0,15	45	0,90
NA 3	0,12	0,63	0,22	0,35	101	1,70
NA 4 *	0,16	0,75	0,28	0,66	180	2,90
NA 5 *	0,20	0,83	0,35	1,10	281	4,40
NA 6 *	0,24	0,94	0,43	1,61	360	6,70

*AISI 316L Also tested possible. Bundle length 30 m.



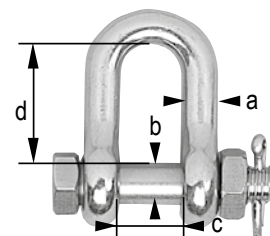
Stainless Steel D-Shackle NDS AISI316 with screw collar pin

Type	Dimensions [inch]				Weight [lbs]	\$/pc
	a	b	c	d		
NDS 4	0,16	0,16	0,31	0,63	0,02	1,90
NDS 5	0,20	0,20	0,43	0,75	0,04	2,00
NDS 6	0,24	0,24	0,47	0,94	0,06	2,20
NDS 8	0,31	0,31	0,67	1,10	0,13	3,00
NDS 10	0,39	0,39	0,79	1,38	0,26	5,30
NDS 12	0,47	0,47	0,98	1,65	0,44	7,80
NDS 16	0,63	0,63	1,22	2,52	0,99	16,80
NDS 19	0,75	0,75	1,46	2,91	1,79	31,00
NDS 22	0,87	0,87	1,77	3,50	2,69	42,90



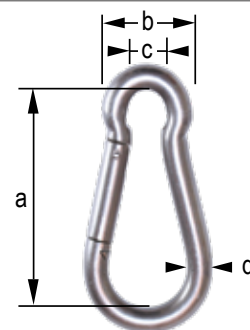
Stainless Steel Safety-D-Shackle NSDS AISI316

Type	Dimensions [inch]				Weight [lbs]	\$/pc
	a	b	c	d		
NSDS 6	0,24	0,24	0,47	0,83	0,07	2,90
NSDS 8	0,31	0,31	0,67	1,10	0,15	4,30
NSDS 10	0,39	0,39	0,79	1,38	0,29	6,50
NSDS 12	0,47	0,47	0,98	1,65	0,51	10,40



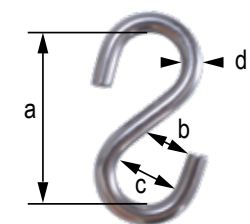
Stainless Steel Carabine Hook NK AISI316

Type	Dimensions [inch]				Weight [lbs]	\$/pc
	a	b	c	d		
NK 5	1,97	0,31	0,24	0,20	0,04	2,40
NK 6	2,36	0,35	0,28	0,24	0,07	2,80
NK 8	3,15	0,47	0,39	0,31	0,15	4,80



Stainless Steel S-Hook NSH AISI316

Type	Dimensions [inch]				Weight [lbs]	\$/pc
	a	b	c	d		
NSH 4	1,57	0,28	0,47	0,16	0,02	0,70
NSH 5	1,81	0,35	0,59	0,20	0,03	0,90
NSH 6	2,09	0,39	0,67	0,24	0,06	1,40





SAPA+

SALES PARTNER



Authorized sales partner

Possibilities

Conditions





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CHARTER FOR AUTHORIZED cromox SALES PARTNERS

Ketten Wälder offers you the possibility to become an authorized sales partner

With a cromox dealership you will enjoy several advantages:

- ▶ cromox is the product line with an enormous potential for development!
 - You will get the chance to generate further means of support for your company
 - You will gain customers through distribution of internationally renowned **cromox** premium products
 - You will increase your return on investment thanks to many privileges
- ▶ Ketten Wälder will support you even more as commonly
- ▶ You will be orientated towards the same values which Ketten Wälder focuses on
 - Professionalism, transparency, fairness, honesty, reliability, confidence and sustainability



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Special prices:

You will profit from a higher basic discount.

You will get additional discounts for:

- cromox catalogs or products on your website
- cromox catalogs in your printed advertising media
- Periodical cromox inhouse trainings
- Showing a cromox sample rack in your sales- or showroom

- Using prices from our cromox catalog as suggested prices
- As an initial aid we will give you an unique discount
- In case of exceeding the agreed turnover thresholds you'll get a further bonus
- Special status at order processing, delivery time and consignment
- Potential markups for smallvolume purchases will be omitted when using collective invoices
- You will get technical support for finding solutions, even together with the customer at his plant
- We will refer inquiries from customers located within your trading area to you
- Assured customers
- We will support you at trade fairs where cromox products are to be exhibited
- You will receive promotional material e.g. roll-ups, sample cases, sample racks and brochures

We would be pleased to receive suggestions and ideas for improvement of our products from you, which will influence our further development.

You too can become an authorized sales partner of cromox - the technology and market leader in the field of stainless sling and hoist chain and fitting components.

Your Team from Ketten Wälder



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INFO



Material specification

Corrosion Resistance

Chain Summary



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Material spezifikation

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	Material number EN 10027-2			
	AISI 304L	AISI 316	AISI 316L	AISI 318LN
Steel type EN10027-1	X2CrNi 18-9	X5CrNiMo 17-12-2	X2CrNiMo 17-12-2	X2CrNiMoN 22-5-3

	Chemical composition (%)			
C max.	0,03	0,07	0,03	0,03
Cr	17,5 – 19,5	16,5 – 18,5	16,5 – 18,5	21,0 – 23,0
Ni	8,0 – 10,5	10,0 – 13,0	10,0 – 13,0	4,5 – 6,5
MO	–	2,0 – 2,5	2,0 – 2,5	2,5 – 3,5
Others	N ≤ 0,11	N ≤ 0,11	N ≤ 0,11	N 0,10 – 0,22

	Mechanical properties			
Strength Rm (Mpa)	500 – 700	500 – 700	500 – 700	650 – 880
Apparent yield point Rp 0,2 (Mpa)	> 175	> 200	> 200	> 450
Hardness (Brinell)	< 215	< 215	< 215	< 270

	Physical properties			
Magnetisable	no/slightly	no/slightly	no/slightly	yes
Weldable	yes	yes	yes	yes

Working Load Limit depending on the chain temperature

	-40°C to + 250°C	over 250°C to 350°C*	over 350°C to 450°C
W.L.L.	100 %	75 %	50 %

*1.4462 (AISI 318LN) max 350°C allowed

Corroding agent	Concentration	Temperature	AISI304L	AISI316	AISI316L	AISI318LN
Ethanoic acid CH ₃ COOH	50 %	20°C	0	0	0	0
Fatty acid C ₁₇ H ₃₃ COOH	100 %	<150°C	0	0	0	0
Fluorine	100 %	20°C	0	0	0	0
F		20°C	3	3	3	3
Gallic acid C ₆ H ₂ (OH) ₃ COOH	100 %	20°C	0	0	0	0
Iuric acid C ₅ H ₄ O ₄ N ₃	aqueous solution	20°C	0	0	0	0
Urea CO(NH ₂) ₂	100 %	20°C	0	0	0	0
Lactic acid C ₃ H ₆ O ₃	10 %	20°C	0	0	0	0
Nitrating acid 20 % H ₂ SO ₄ +5 % HNO ₃		110°C	1	0	0	0
Phosphoric acid H ₃ PO ₄	<70 %	20°C	0	0	0	0
	>70 %		1	0	0	0
Nitric acid HNO ₃	<66 %	20°C	0	0	0	0
	99 %		1	2	2	2
Hydrochloric acid HCl	0,5 %	20°C	1L	1L	1L	1L
	2 %	65°C	3	3	3	3
Sulphuric acid H ₂ SO ₄	<5 %	20°C	1	0	0	0
	10 %	20°C	2	1	1	1
	60 %	20°C	3	2	2	2
	60 %	70°C	3	3	3	3
Tartaric acid COOH(CHOH) ₂ COOH	50 %	20°C	0	0	0	0
	50 %	boiling	2	1	1	1

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0 = resistant to erosive surface corrosion

1 = slightly affected by erosive surface corrosion

2 = low resistance to erosive surface corrosion

3 = non-resistant to erosive surface corrosion

L = pitting corrosion, crevice corrosion or stress crack corrosion possible

Terms of Delivery and Payment

All deliveries are exceptionally based upon our general commercial conditions. All indicated prices are to be understood net, without VAT and excluding packaging. Discounts and net-prices are quoted upon request.

All deliveries are effected "EX WORKS".

Minimum order value Euro 100,00.

E.E.C.: For an order below Euro 200,00 a surcharge of Euro 20,00 will apply.

Third countries: Below Euro 500,00 a surcharge of Euro 50,00 will apply.

All indicated measurements and weights have been evaluated through tests and are not binding values. We reserve ourselves the right to alter prices and technical specifications. Payment conditions are available upon request.

All other price lists are no longer valid upon publishing of this version. Any way of reproduction, also in extracts is only permitted by written authorization through Ketten Wälder GmbH.

Chain Summary



Type	W.L.L. [lbs]	d	t	b ₁ min.	b ₂ max.	Weight [lbs]	Material	Quality
NA 2	-	0,08	0,47	0,14	-	0,15	1.4401	-
NC 2	-	0,08	0,87	0,14	-	0,13	1.4401	-
CK 3	440	0,12	0,55	0,22	0,49	0,37	1.4404	6
NA 3	-	0,12	0,63	0,22	-	0,31	1.4401	-
NC 3	-	0,12	1,02	0,22	-	0,33	1.4401	-
CK 4	880	0,16	0,47	0,20	0,54	0,77	1.4404	6
CHK 4,0 x 12,0	880	0,16	0,47	0,20	0,54	0,77	1.4404	6
CHK 4,0 x 12,3	880	0,16	0,48	0,20	0,54	0,77	1.4404	6
CDK 4	880	0,16	0,63	0,19	0,54	0,71	1.4404	6
NA 4	-	0,16	0,75	0,28	-	0,66	1.4401	-
NC 4	-	0,16	1,26	0,28	-	0,60	1.4401	-
CK 5	1320	0,20	0,59	0,25	0,73	1,19	1.4404	6
CXI 5	1320	0,20	0,59	0,26	0,71	1,19	1.4462	6+
CHK 5,0 x 15,0	1320	0,20	0,59	0,24	0,67	1,19	1.4404	6
CHK 5,0 x 15,1	1320	0,20	0,59	0,25	0,67	1,19	1.4404	6
CHK 5,0 x 15,3	1320	0,20	0,60	0,24	0,66	1,19	1.4404	6
CDK 5	1320	0,20	0,73	0,24	0,67	1,10	1.4404	6
CXA 5	1320	0,20	0,73	0,24	0,67	1,10	1.4462	6+
NDK 5	880	0,20	0,73	0,24	0,67	1,10	1.4307	4
NA 5	-	0,20	0,83	0,35	-	1,10	1.4401	-
NHC 5,0 x 24,0	-	0,20	0,94	0,28	0,71	1,01	1.4404	-
NHC 5,0 x 25,0	-	0,20	0,98	0,28	0,69	0,99	1.4404	-
NHC 5,0 x 25,2	-	0,20	0,99	0,28	0,69	0,99	1.4404	-
NC 5	-	0,20	1,38	0,35	-	0,95	1.4401	-
CK 6	1980	0,24	0,71	0,31	0,87	1,76	1.4404	6
CHK 6,0 x 18,0	2095	0,24	0,71	0,28	0,80	1,76	1.4404	6
CIA 6	1980	0,24	0,71	0,32	0,85	1,76	1.4404	6
CXI 6	2150	0,24	0,71	0,32	0,85	1,76	1.4462	6+
CDK 6	1980	0,24	0,73	0,28	0,82	1,72	1.4404	6
NDK 6	1210	0,24	0,73	0,28	0,82	1,72	1.4307	4
CXA 6	2150	0,24	0,73	0,28	0,82	1,72	1.4462	6+
CXP 6	2070	0,24	0,74	0,28	0,85	1,90	1.4462	6+
NA 6	-	0,24	0,94	0,43	-	1,61	1.4401	-
CFK 6,0 x 27,5	1980	0,24	1,08	0,35	0,83	1,50	1.4404	6
NC 6	-	0,24	1,65	0,43	-	1,39	1.4401	-
CHK 6,3 x 19,1	2205	0,25	0,75	0,31	0,84	1,90	1.4404	6
CK 7	2750	0,28	0,83	0,36	1,02	2,43	1.4404	6
QHK 7,0 x 21,0	3260	0,28	0,83	0,33	0,93	2,43	-	8
CHK 7,0 x 21,0	2750	0,28	0,83	0,33	0,93	2,43	1.4404	6
CHK 7,0 x 22,0	2750	0,28	0,87	0,33	0,91	2,43	1.4404	6
CDK 7	2750	0,28	0,87	0,33	0,94	2,43	1.4404	6
NC 7	-	0,28	1,93	0,47	-	1,90	1.4401	-
CHK 7,1 x 21,2	2865	0,28	0,83	0,35	0,93	2,47	1.4404	6



ROSTFREI
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Type	W.L.L. [lbs]	Dimensions [inch]				Weight [lbs]	Material	Quality
		d	t	b ₁ min.	b ₂ max.			
NDK 8	2205	0,31	0,93	0,38	1,07	3,04	1.4307	4
CXP 8	3460	0,31	0,94	0,38	1,06	3,09	1.4462	6+
CK 8	3300	0,31	0,94	0,41	1,17	3,09	1.4404	6
CDK 8	3300	0,31	0,94	0,38	1,07	2,98	1.4404	6
CXA 8	3635	0,31	0,94	0,38	1,07	2,98	1.4462	6+
CSX 8	3635	0,31	0,94	0,38	1,07	2,98	1.4507	6+
CIA 8	3300	0,31	0,94	0,43	1,13	3,09	1.4404	6
CXI 8	3635	0,31	0,94	0,43	1,13	3,09	1.4462	6+
CHK 8,0 x 24,0	3525	0,31	0,94	0,38	1,06	3,09	1.4404	6
CHK 8,0 x 24,2	3525	0,31	0,95	0,38	1,06	3,09	1.4404	6
CFK 8,0 x 25,4	3415	0,31	1,00	0,35	1,02	2,82	1.4404	6
CFK 8,0 x 31,0	3415	0,31	1,22	0,41	1,10	2,78	1.4404	6
NC 8	-	0,31	2,05	0,55	-	2,43	1.4401	-
CHK 9,0 x 27,0	4410	0,35	1,06	0,43	1,20	3,97	1.4404	6
CFK 9,0 x 27,0	4410	0,35	1,06	0,43	1,20	3,97	1.4404	6
CFK 9,0 x 31,0	4410	0,35	1,22	0,46	1,24	3,64	1.4404	6
CHK 9,5 x 28,5	5070	0,37	1,12	0,43	1,23	4,41	1.4404	6
CDK 10	5400	0,39	1,10	0,47	1,42	4,96	1.4404	6
CXA 10	5730	0,39	1,10	0,47	1,42	4,96	1.4462	6+
CHK 10,0 x 28,0	5510	0,39	1,10	0,47	1,34	4,85	1.4404	6
CXP 10	5510	0,39	1,17	0,47	1,35	4,85	1.4462	6+
CHK 10,0 x 30,0	5510	0,39	1,18	0,49	1,34	4,85	1.4404	6
CK 10	5400	0,39	1,18	0,51	1,46	4,85	1.4404	6
CIA 10	5400	0,39	1,18	0,53	1,42	4,85	1.4404	6
CXI 10	5730	0,39	1,18	0,53	1,42	4,85	1.4462	6+
CFK 10,0 x 31,0	5290	0,39	1,22	0,49	1,34	4,85	1.4404	6
CFK 10,0 x 35,0	5290	0,39	1,38	0,49	1,34	4,63	1.4404	6
CFK 10,0 x 38,0	5290	0,39	1,50	0,49	1,34	4,63	1.4404	6
NC 10	-	0,39	2,56	0,71	-	3,86	1.4401	-
CHK 11,2 x 34,0	6945	0,44	1,34	0,55	1,50	6,17	1.4404	6
CIA 12	7715	0,47	1,42	0,64	1,70	7,05	1.4404	6
CXI 12	8815	0,47	1,42	0,64	1,70	7,05	1.4462	6+
CDK 13	8480	0,51	1,42	0,61	1,85	8,60	1.4404	6
CXA 13	9700	0,51	1,42	0,61	1,85	8,60	1.4462	6+
CXP 13	9215	0,51	1,50	0,61	1,69	7,45	1.4462	6+
CK 13	8480	0,51	1,54	0,67	1,89	8,38	1.4404	6
CFK 13,0 x 45,0	8480	0,51	1,77	0,64	1,74	7,72	1.4404	6
CDK 14	10140	0,55	1,61	0,66	1,97	9,70	1.4404	6
CDK 16	13250	0,63	1,61	0,66	1,97	12,79	1.4404	6
CXK 16,0 x 45,0	13250	0,63	1,77	0,76	2,14	12,57	1.4462	6+
CXP 16	13250	0,63	1,88	0,76	2,16	12,39	1.4462	6+
CK 16	13250	0,63	1,89	0,82	2,33	12,57	1.4404	6
CXK 18,0 x 50,0	17850	0,71	1,97	0,85	2,41	16,09	1.4462	6+
CX 18	17650	0,71	2,13	0,96	2,55	16,09	1.4462	6+



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