

CROSBY TRAWLEX® PRODUCTS

DESIGNED FOR THE RIGOURS OF COMMERCIAL FISHING

Crosby Trawlex® offers a range of chain and components specifically devised for the rigours of commercial fishing. From the outset, it has been created with the end user in mind. By designing the range of products with experienced trawler men and with the use of extensive seagoing research, Crosby Trawlex® has proven to be the most versatile and cost effective method of trawl rigging available.

The complete Crosby Trawlex® range of products is enriched with super-strength capabilities as a result of special steels and heat treatment used in the manufacturing process. The heat treatment also ensures that ductility is retained, resulting in the products being highly resistant to the effects of shock loading and wear.

PROFILE CHAIN - THE SHAPE OF THINGS TO COME!

The real challenges to fishing gear when new, are set by the industry's severe environment. These conditions may result in early failures caused by wear and corrosion. The new Crosby Trawlex® Profile Chain has been designed to take up these challenges.

Wear – The revolutionary design and the use of wear resistant materials in Crosby Trawlex® Profile Chain have greatly reduced the effects of wear, the main cause of reduction in a chain's tensile strength, compared with traditional chain (fig1).



Corrosion and Fatigue –

As yet, corrosion cannot be eliminated at an acceptable cost; however the increased contact areas of Crosby Trawlex® Profile Chain (fig2), together with the use of improved materials and heat treatment, have radically reduced the chances of stress and fatigue and therefore the effects of corrosion.

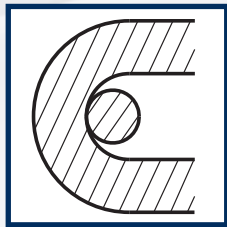
BENEFIT FROM OUR EXPERTISE

Compare Crosby Trawlex® chain and components to other products on the market and you will soon see the benefits of using Crosby Trawlex®.

Operating costs of the trawler are reduced as a result of the high strength, wear resistance and shock resistance of the products. The ingenious design of Crosby Trawlex® parts allows a wide range of components to be used in different rig positions in all methods of trawling.

Time is saved by incorporating a unique clevis and load pin assembly method. Less time is spent assembling a rig, and only the simplest tools are required for the process.

Time is also saved as a result of the superior lightness of Crosby Trawlex® chains and parts. Handling is much easier and the products are less bulky to transport.



Round Chain

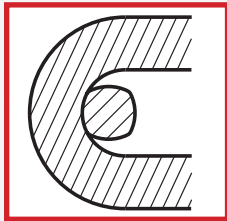


Fig 2. Profile Chain
Link contact area cross section.

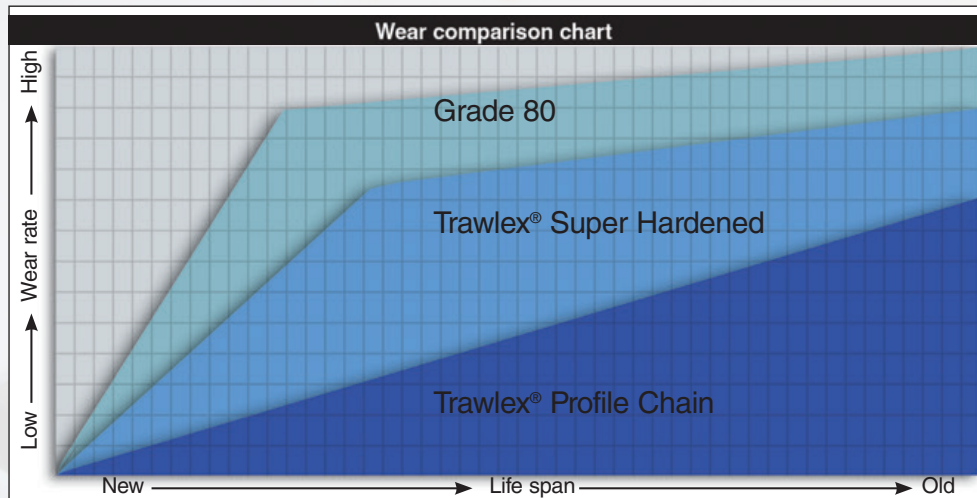
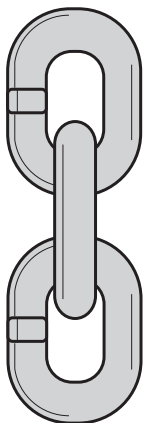


Fig 1.

Trawlex® Benefits

- **Innovators** – World's first chain maker to attain BS EN ISO 9001.
- **Diversity** – Widest range of chain sizes, calibrated stability.
- **Testing** – 100% non-destructive testing on all products.
- **Properties** – Fatigue life up to 4 times specification plus improved resistance to stress corrosion.
- **Performance** – Materials optimised for low temperature conditions.
- **Weight** – Lighter and less bulky products.
- **Research** – Trawlex® has a comprehensive research policy to constantly seek improvements to our products.

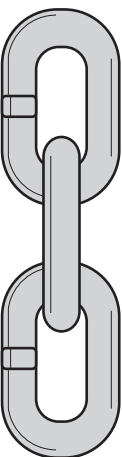




All breaking loads are in metric tonnes. To maximize the benefits of the improved strength of the chain, only use compatible Trawlex® fittings.

Crosby Trawlex® Short Link Chain

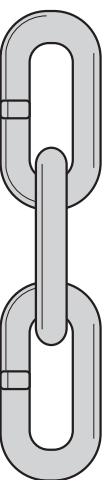
Model	Stock No.	Chain Dia. (mm)	Link Dimensions (mm)		Breaking Load (t)		Weight (kg)	Standard Length (m)
			Pitch	Width	Trawlex®	Grade 80		
TRAW-SL	2781650	10	30	14	15.5	12	2.2	200
TRAW-SL	2781652	13	39	18.1	26.5	20	3.61	150
TRAW-SL	2781635	16	48	22.4	41	30	5.41	110
TRAW-SL	2781644	19	57	26.6	57	45	7.81	75



Crosby Trawlex® Mid Link Chain

Model	Stock No.	Chain Dia. (mm)	Link Dimensions (mm)		Breaking Load (t)		Weight (kg)	Standard Length (m)
			Pitch	Width	Trawlex®	Grade 80		
TRAW-ML	2784579	10	40	15	15.5	12	1.85	250
TRAW-ML	2784561	13	52	19.5	26.5	20	3.21	150
TRAW-ML	2784507	16	64	22.4	41	30	4.86	110
TRAW-ML	2784516	16	64	22.4	41	30	4.86	600
TRAW-ML	2781653	16	64	22.4	41	30	4.86	110
TRAW-ML	2784534	16	64	22.4	41	30	4.86	600
TRAW-ML	2784570	19	76	27	57	45	6.92	75
TRAW-ML	2784525	19	76	27	57	45	6.92	300
TRAW-ML	2781662	19	76	27	57	45	6.92	75
TRAW-ML	2784543	19	76	27	57	45	6.92	300
TRAW-ML	2781671	22	86	26	70	60	9.24	60
TRAW-ML	2784552	22	86	26	70	60	9.24	110
TRAW-ML	2781680	26	92	30	95	85	13.66	50

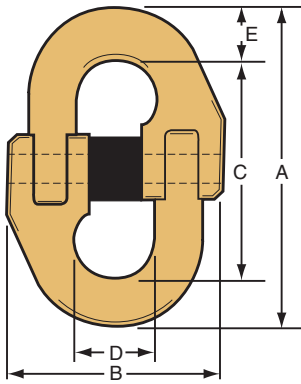
 Denotes Profile Chain



Crosby Trawlex® Long Link Chain

Model	Stock No.	Chain Dia. (mm)	Link Dimensions (mm)		Breaking Load (t)		Weight (kg)	Standard Length (m)
			Pitch	Width	Trawlex®	Grade 80		
TRAW-LL	2781699	9	53	15	12.5	10	1.36	200
TRAW-LL	2781706	11	63	18	18.5	15	2.03	150
TRAW-LL	2781715	13	80	22	26.5	20	2.83	150
TRAW-LL	2781720	13	80	22	26.5	20	2.83	600
TRAW-LL	2784339	16	100	24.5	40	30	4.34	100
TRAW-LL	2784348	16	100	24.5	40	30	4.34	600
TRAW-LL	2781724	16	100	24.5	40	30	4.34	100
TRAW-LL	2784320	16	100	24.5	40	30	4.34	600
TRAW-LL	2784357	19	100	25	57	45	6.31	108
TRAW-LL	2781733	19	100	25	57	45	6.31	108
TRAW-LL	2781742	22	120	35.5	70	60	8.74	70
TRAW-LL	2781751	28	150	46	105	95	14.41	50

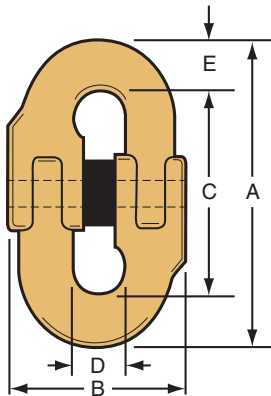
 Denotes Profile Chain



Crosby Trawlex® Component Connector TLN

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)					Weight (kg)
			A	B	C	D	E	
TL7N	2780583	7	67	49	48	14.3	9	.11
TL10N	2780592	10	89	66	64	19.2	13	.36
TL13N	2780609	13	118	85	85	26.5	17	.66
TL16N	2780618	16	144	96	106	32	19	1.08
TL19N	2780627	19	168	115	122	38.5	23	1.77
TL23N	2780636	23	206	140	150	49	28	2.8
TL26N	2780645	26	230	163	166	57	32	4.4
TL32N	2780654	32	278	210	200	63	39	8.4

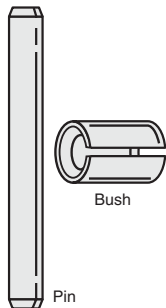
Individually Proof Tested to 2.5 x WLL.



Crosby Trawlex® Chain Connector KJ

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)					Weight (kg)
			A	B	C	D	E	
KJ7	2780663	7	56	34	41	8	7.5	.09
KJ10	2780672	10	73	45	51	11.5	11	.27
KJ13	2780681	13	94	61	65	14.7	14	.44
KJ16	2780690	16	120	75	84	19.1	18	.83
KJ19	2780707	19	142	90	100	22.9	21	1.42

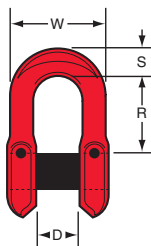
Individually Proof Tested to 2.5 x WLL.



Crosby Trawlex® Chain & Component Connector Spares

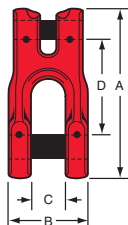
Component Connector TL				Chain Connector KJ			
Pin		Bush		Pin		Bush	
Model	Stock No.	Model	Stock No.	Model	Stock No.	Model	Stock No.
TL7PIN	2784222	TL7BUSH	2784142	KJ7PIN	2783116	KJ7BUSH	2783063
TL10PIN	2784231	TL10BUSH	2784151	KJ10PIN	2783125	KJ10BUSH	2783072
TL13PIN	2784240	TL13BUSH	2784160	KJ13PIN	2783134	KJ13BUSH	2783081
TL16PIN	2784259	TL16BUSH	2784179	KJ16PIN	2783143	KJ16BUSH	2783090
TL19PIN	2784268	TL19BUSH	2784188	KJ19PIN	2783152	KJ19BUSH	2783107
TL23PIN	2784277	TL13BUSH	2784197	-	-	-	-
TL26PIN	2784286	TL26BUSH	2784204	-	-	-	-
TL32PIN	2784295	TL32BUSH	2784213	-	-	-	-

Full details of the load and retaining pins required for each Trawlex® component are shown on Trawlex® Data Sheet TX191, available on request.



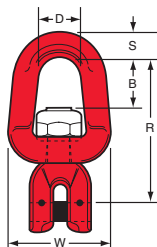
Crosby Trawlex® 'D' Shackle TXRC

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)				Weight (kg)
			R	W	D	S	
TXRC16	2781760	16	57	72	35	22	.9



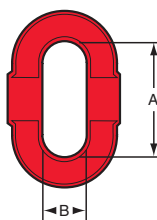
Crosby Trawlex® Clevis Shackle TXCS

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)				Weight (kg)
			A	B	C	D	
TXCS16	2781788	16	200	90	45	113	2.5



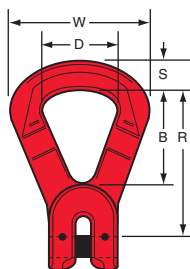
Crosby Trawlex® Swivel TXSW

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)					Weight (kg)
			R	W	D	B	S	
TXSW13	2781797	13	127	94	41	51	22	1.93
TXSW16	2781804	16	162	111	51	60	29	3.29



Crosby Trawlex® Double Nibbed Link TXDR

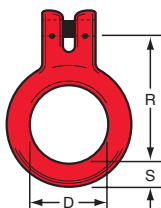
Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)		Weight (kg)
			A (pitch)	B (width)	
TXDR13	2781813	13	108	54	.89
TXDR16	2781822	16	127	63	1.6



Crosby Trawlex® Recessed Link TXRL

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)					Weight (kg)
			R	W	D	B	S	
TXRL13	2781831	13	125	117	63	84	22	1.6
TXRL16	2781840	16	156	156	89	108	27	2.72

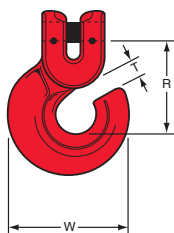
Note: .75 to .87 inch sizes available upon request.



Crosby Trawlex® Kelly's Eye TXKE

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)			Weight (kg)
			R	D	S	
TXKE16	2781859	16	187	95	28	4.42

Note: .75 to .87 inch sizes available upon request.



Crosby Trawlex® 'G' Hook TXG

Model	Stock No.	Chain Dia. (mm)	Dimensions (mm)			Weight (kg)
			R	T	W	
TXG13	2781868	13	82	16	106	1.51
TXG16	2781877	16	100	20	114	2.38

Note: .75 to .87 inch sizes available upon request.



Setting a World-Class Standard in Subsea Lifting

Crosby® is a trusted partner in the subsea industry, priding ourselves on being the leading innovator with quality service to back it up. We understand that the unique needs and demanding applications involved in subsea work require products and training that are time-tested and proven.



Offshore Platform Applications



Underwater / Subsea ROV Applications



