



Castle Lifting Gear Ltd.

CASTLE WORKS, PORTERSFIELD ROAD, CRADLEY HEATH, WARLEY, WEST MIDLANDS B64 7BE

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Grade 50 316L Stainless Steel Chain Assemblies

Grade 50 316L Stainless Steel Pump Lifting Chain Assemblies

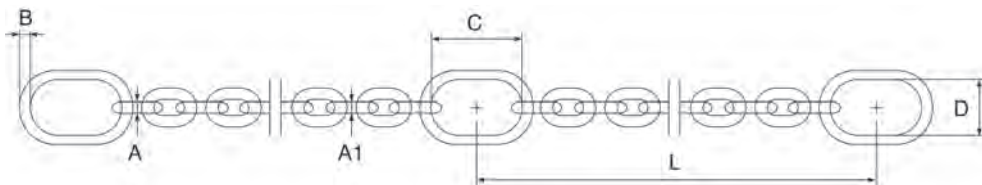
Grade 50 316L Stainless Steel Pump Lifting Chain fitted with Lifting Points at each end and at approx. 1m centres. Alternative lifting centres and configurations, i.e. double leg or triple leg branch to suit your individual needs can be manufactured at very short notice.

Product Features:

- Manufactured from corrosion resistant Stainless Steel to EN 10088/EN 10027-2/1.4404 (Marine Grade 316L).
- European manufactured Gr.50 316L Short Link Chain.
- Assembled, welded and tested at our Cradley manufacturing site.

Quality Features:

- Full traceability for all components used in manufacturing process.
- Chain links are embossed with manufacturer's mark and batch number every 12 links or 1m whichever is the lesser.
- Every enlarged link embossed with our manufacturing batch number.
- All assemblies are Proof Load Tested to 2.5 x W.L.L.
- Factor of Safety: 4:1



Part Code	Chain Size mm	A mm	A1 mm	B mm	C mm	D mm	L (approx) mm	W.L.L. Tonnes	Weight Per m (Kg)
P15.050	5	6	5	10	80	50	600/1000	500Kg	0.65
P15.075	6	8	6	13	110	60	600/1000	750Kg	0.85
P15.100	7	8	7	13	110	60	600/1000	1.0	1.20
P15.125	8	10	8	16	110	60	600/1000	1.25	1.50
P15.200	100	13	10	18	135	75	600/1000	2.0	2.50
P15.320	13	16	13	22	160	90	600/1000	3.2	4.20
P15.500	16	22	16	26	180	100	600/1000	5.0	6.10
P15.630	18	26	18	32	200	110	600/1000	6.3	7.80

AISI 316 Stainless Steel + Grade 40 Galvanised H.T. Pump Lifting Chain also available

Corrosion Resistance Table for Stainless Steel AISI 316L

The table is a general guide only and should not be considered as a substitute for testing under your specific conditions.

Acetic acid <20%	S	Ethanol	S	Potassium Sulphate <10%	S
Ammonia (100%)	S	Gasoline	S	Sodium Chloride <5%	S
Ammonia Chloride <1%	S	Hydrochloric Acid	U	Sodium Hypochlorite <20%	L
Ammonia Nitrate 10-50%	S	(all concentrations)		Sodium Nitrate 10-40%	S
Ammonia Sulphate <10%	L	Hydrogen Cyanide 100%	L	Sodium Sulphate <10%	S
Benzene	S	Hydrogen Peroxide <35%	S	Zinc Chloride <10%	S
Calcium Hypochlorite (100%)	U	Hydrogen Sulphide 100%	S	Zinc Sulphate <10%	S
Citric Acid <10%	S	Mineral Oil	S		
Copper Sulphate <10%	S	Nitric Acid <10%	S		

S = Satisfactory, no or very little corrosion

L = Limited resistance, exposure time must be limited, some corrosion must occur

U = Unsatisfactory, not suitable for use





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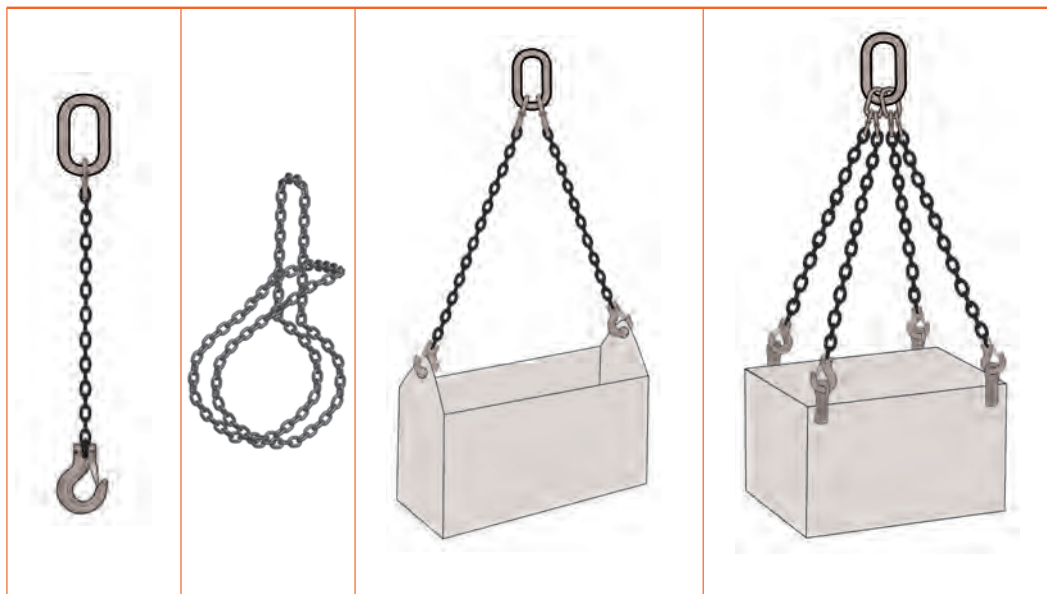
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Grade 50 316L Stainless Steel Chain Sling Assemblies

Grade 50 316L Stainless Steel Chain Slings Working Load Limits



Chain Size mm	Single Leg	Endless	Two Leg		Three & Four Leg	
			0-45°	45-60°	0-45°	45-60°
6	0.70	1.12	1.00	0.70	1.47	1.05
8	1.20	1.92	1.70	1.20	2.50	1.80
10	1.60	2.56	2.25	1.60	3.36	2.40
13	2.70	4.32	3.80	2.70	5.70	4.05
16	5.00	8.00	7.10	5.00	10.00	7.50
18	6.30	10.00	9.00	6.30	N/A	N/A

All loads shown in Tonnes.

AISI 316L Stainless Steel Gr.50 Chain Slings. supplied in both Mechanically Assembled and All-Welded construction. Predominantly used in the Food, Offshore, Water/Waste Water Utility sector. These chain slings can be made to individual customer requirements. End fittings available are either Sling Hook with Latch, Master Link or Shackle.

Large stocks of both Mechanically Assembled and All-Welded construction components are held at our Cradley site which means that slings can be manufactured and assembled at very short notice.

Product Features and quality features as per Stainless Steel Pump Lifting Chains on previous page.

