



**HANDSWELL'S  
CHAIN  
INDUSTRIES**

hands you well always



## **ABOUT US**

**Handswell Chain Industries LLP is dedicated in providing industrial chains and accessories at the right price to the customers and create long lasting relationships and impact in the industrial chain industry. Passionate Engineers engage in providing highest level of value to customers and help them fulfill their needs through latest cutting edge manufacturing technologies. Here at Handswell we provide the best quality products and services. We provide all kinds of industrial chains suitable for material handling and power transmission.**

### **Corporate Address**

**Handswell's Chain Industries LLP**

**Workflo Greeta Towers**

**1st Floor, Plot No:96 to 99 & 109 to 112,**

**Developed Plot Industrial Estate,**

**Perungudi, Chennai - 600 096**

**Mobile : 8248431963**

**Email: [sales@handswellchains.com](mailto:sales@handswellchains.com)**

**Website: [www.handswellchains.com](http://www.handswellchains.com)**

## **QUALITY POLICY:**

Handswell's Chain Industries LLP is Committed to manufacture of Industrial Chains and Accessories and are Supplied On time to enhance customer satisfaction by adopting effective quality management system in our process thru Risk based approach. This will be consistently achieved and maintained through;

- Total Employee Involvement
- Training and Motivation
- Technology up gradation
- Meet applicable legal requirements
- Continual Improvement in Productivity, Quality, & Delivery.

## **MISSION**

We ensure that we meet our commitment and deliver a high quality product. Handswell's Chain Industries LLP deliver defect free products at all times. We understand customer's need and priorities and offer cost effective, quality products.

## **VISION**

- To position and develop Handswell's Chain Industries LLP as the Industrial Chains and Accessories to Automotive and Non-Automotive customers.
- To focus on business areas which are market driven and customer orientated.
- To establish a versatile manufacturing resources to cope with the up-and-coming changes in global technology.
- To strive for total customer satisfaction through total commitment on timely delivery for defect-free product that meet our customer requirement.
- To improve on the product quality though better and stringent quality control.
- To ensure business profitability by creating satisfied long term customer.



30488

# SHEETS

We're often recognized for our high-quality manufacturing, a direct result of our commitment to excellence throughout the years. We carefully choose materials through an array of quality checks to the highest standards. We procure materials in the form of coils and sheets, We use various grades such as MS, En19,En24,SS308 etc.





# RODS

We have strict standards when it comes to our manufacturing process, and never settle for less. We're constantly innovating and improving to meet the latest needs of our clients, and do whatever it takes to ensure complete satisfaction. We use materials such as Ms, 16MnCr5, SAE1080 etc tailored to fit the customer needs

# LASER CUTTING

Laser cutting is mainly a thermal process in which a focused laser beam is used to melt material in a localised area. A co-axial gas jet is used to eject the molten material and create a kerf. A continuous cut is produced by moving the laser beam or workpiece under CNC control. Laser provides good quality products by achieving accurate dimensions

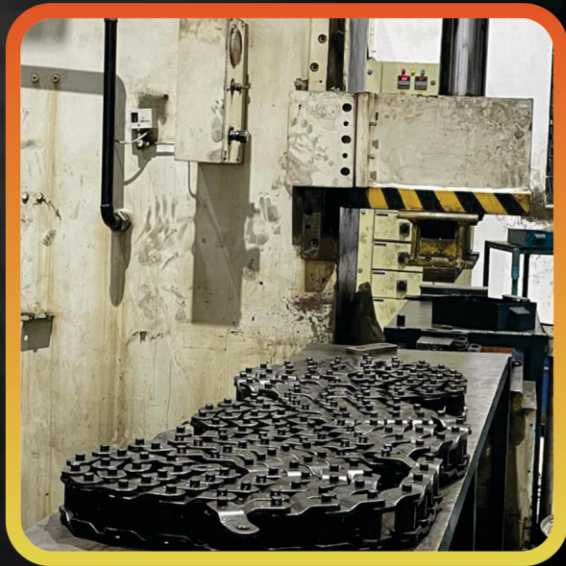


# MACHINING

Day in and day out, we work hard to make sure our standards not only remain, but are continuously pushed higher. We use CNC and VMC machines to produce high quality and high accuracy parts as per the requirements of the customers







## TOOLING

Effective tooling ensures that manufactured products function properly, extends the product lifecycle, and makes for a higher quality product overall. We're constantly innovating and improving to meet the latest needs of our clients, and do whatever it takes to ensure complete satisfaction.



# HYDRAULIC AND PNEUMATIC PRESSING MACHINE

For years, we've been proud to be recognized as the pioneers in our industry.

To stay on top, we've beefed up our production capabilities through our series of hydraulic and pneumatic pressing machines of capacity ranging from 20 ton to 400 ton.



# WELDING

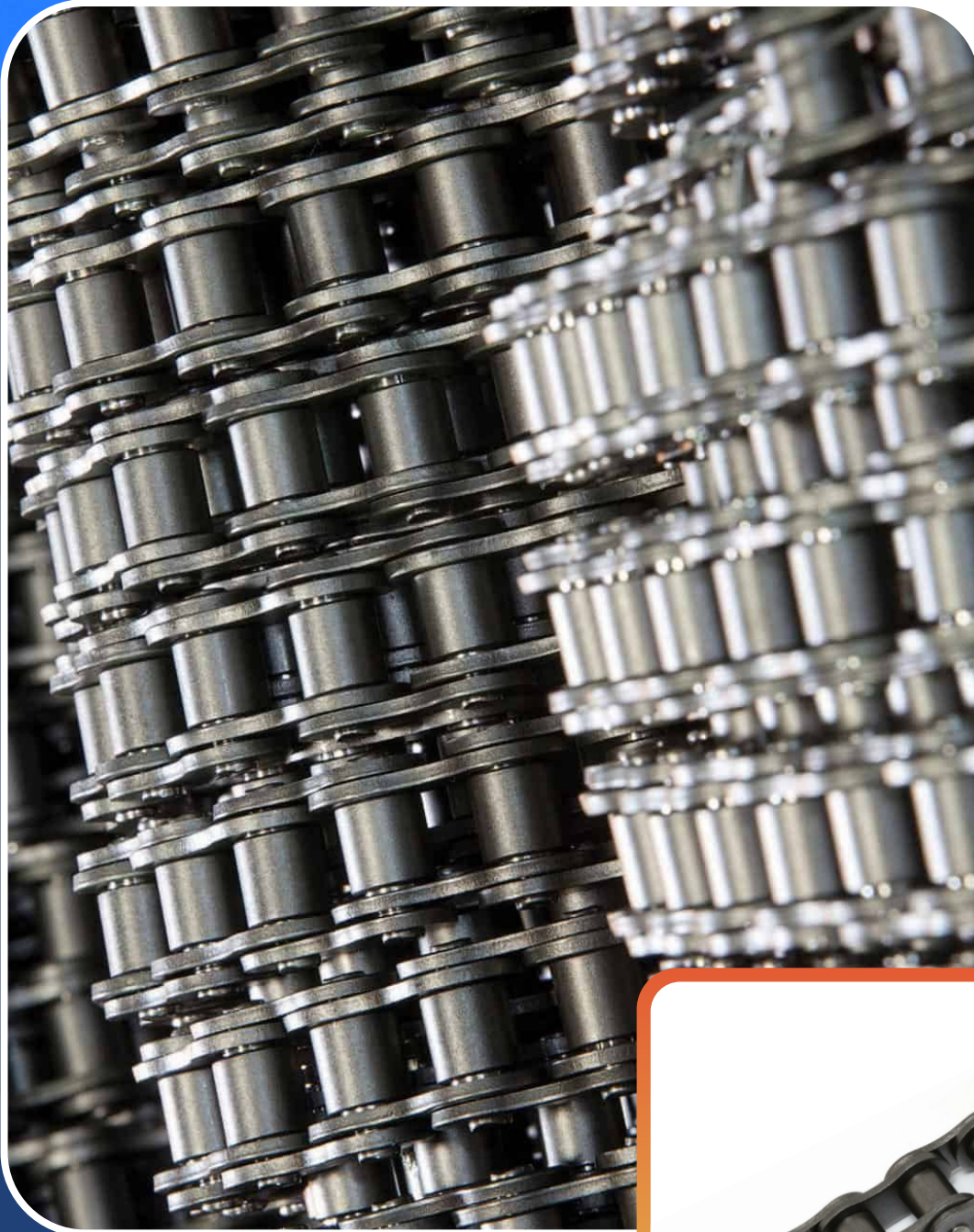
We produce products such as heavy pitch chains that are often accompanied with attachments as per customer needs, In order to provide a strong product to perform in tough environment we resort to MIG welding and stress relieving process for the long life of the products.

# QUALITY STANDARD ROOM

We have strict standards when it comes to our manufacturing process, and never settle for less. We're constantly innovating and improving to meet the latest needs of our clients, and do whatever it takes to ensure complete satisfaction. We ensure the highest standards in quality. Our Standard room consists of Rockwell hardness testers, UTM, Profile projector etc.



# Standard Roller Chain Gold Series



# EUROPEAN SERIES



**SINGLE STRAND**



**DOUBLE STRAND**

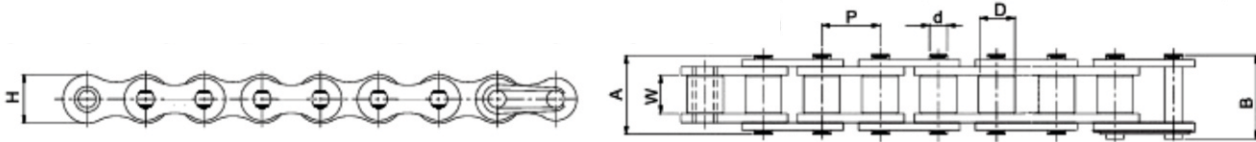


**TRIPLE STRAND**

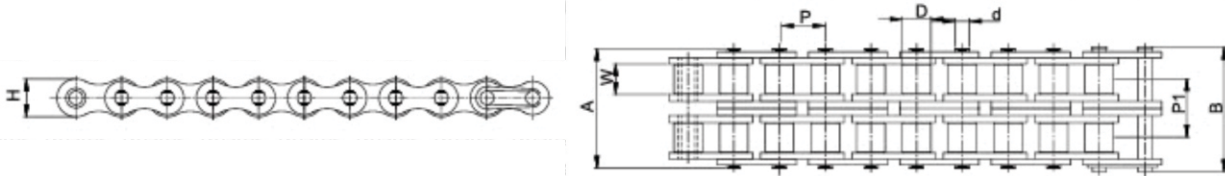
**EUROPEAN SERIES**

**ISO 606/BS 228/DIN 8187**

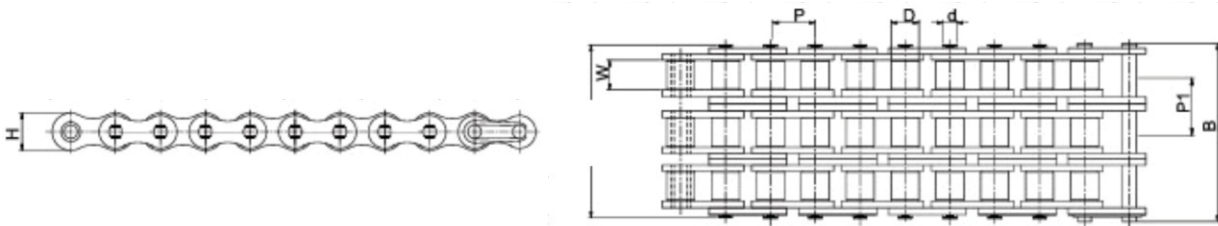
The European series of roller chains are designed for mechanical power transmission system



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width b/w Inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
20B-1	SDEU20B-1	31.75	19.56	19.05	10.19	26.40	43.20	49.3	2.91	3.60	9690	A,B,C,
24B-1	SDEU24B-1	38.10	25.40	25.40	14.63	33.40	53.40	60.00	5.49	6.85	16310	B,C,D
28B-1	SDEU28B-1	44.45	30.99	27.94	15.90	37.00	65.10	72.50	7.26	8.56	20390	B,C,D
32B-1	SDEU32B-1	50.80	30.99	29.21	17.81	42.20	67.40	75.3	8.05	9.49	25500	B,C,D
40B-1	SDEU40B-1	63.50	38.10	39.37	22.89	52.90	82.6	92.6	12.61	15.53	36200	B,C,D
48B-1	SDEU48B-1	76.20	45.72	48.26	29.24	63.80	99.10	109.10	20.40	24.45	57100	B,C,D



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (Pl)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
20B-2	SDEU20B-2	31.75	19.56	19.05	10.19	26.40	79.00	85.10	36.45	5.82	7.33	17330	A,B,C,
24B-2	SDEU24B-2	38.10	25.40	25.40	14.63	33.40	101.00	107.60	48.36	10.98	13.50	28550	B,C,D
28B-2	SDEU28B-2	44.45	30.99	27.94	15.90	37.00	124.00	131.40	59.56	14.52	16.96	36700	B,C,D
32B-2	SDEU32B-2	50.80	30.99	29.21	17.81	42.20	126.00	133.90	58.55	16.10	18.74	45880	B,C,D
40B-2	SDEU40B-2	63.50	38.10	39.37	22.89	52.90	154.00	164.00	72.29	25.23	30.72	64240	B,C,D
48B-2	SDEU48B-2	76.20	45.72	48.26	29.24	63.80	190.00	200.00	91.21	40.81	48.54	101960	B,C,D



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (Pl)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
20B-3	SDEU20B-3	31.75	19.56	19.05	10.19	26.40	116.00	122.10	36.45	8.73	10.96	25490	A,B,C,
24B-3	SDEU24B-3	38.10	25.40	25.40	14.63	33.40	150.00	150.60	48.36	16.47	20.20	43330	B,C,D
28B-3	SDEU28B-3	44.45	30.99	27.94	15.90	37.00	184.00	191.40	59.56	21.78	25.38	54040	B,C,D
32B-3	SDEU32B-3	50.80	30.99	29.21	17.81	42.20	184.00	191.90	58.55	24.15	28.04	68320	B,C,D
40B-3	SDEU40B-3	63.50	38.10	39.37	22.89	52.90	227.00	237.00	72.29	37.85	45.97	96860	B,C,D

A B C D E F



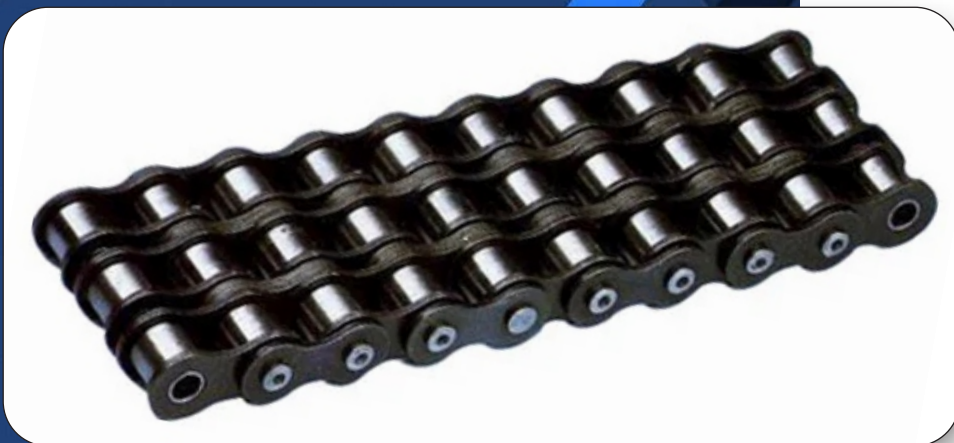
# AMERICAN SERIES



**SINGLE STRAND**



**DOUBLE STRAND**



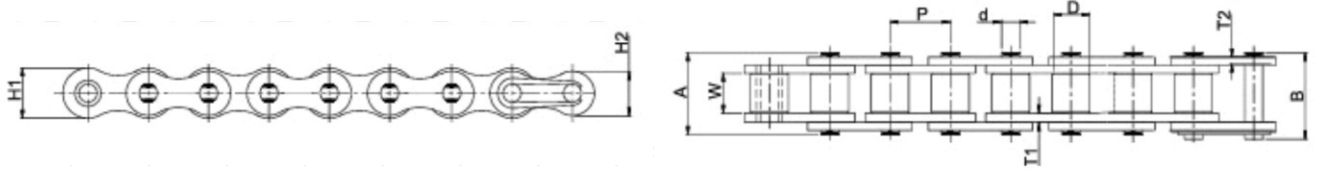
**TRIPLE STRAND**



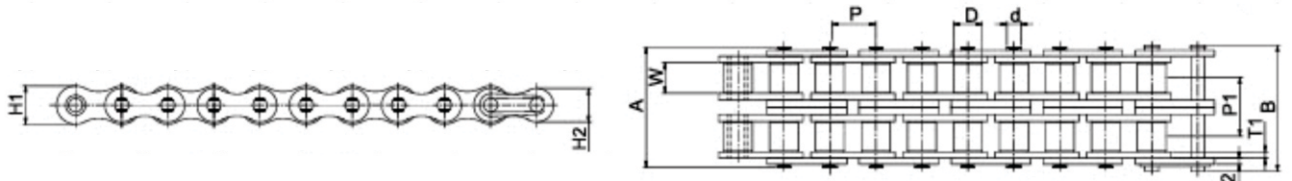
## AMERICAN SERIES

## ISO 606/ANSI B 29.1/DIN 8188

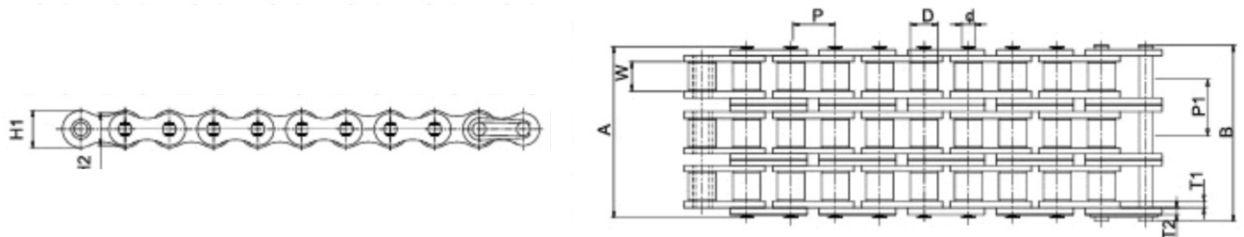
The American series of roller chains are designed for mechanical power transmission system



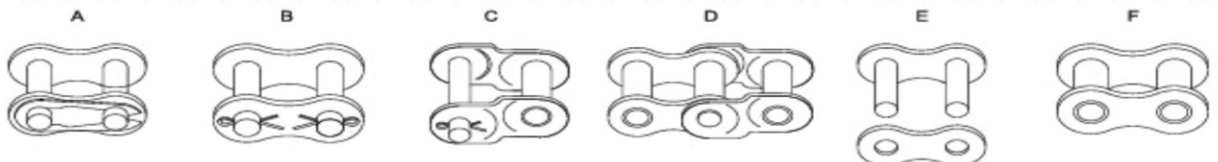
Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height		Plate Thickness		Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
						IP (H1) (Max)	OP (H2) (Max)	IP (T1)	OP (T2)						
100-	SDAU100-1	31.75	18.90	19.05	9.53	30.10	26.00	4.00	4.00	41.10	47.20	2.59	3.85	9030	A,B,C,
120-	SDAU120-1	38.10	25.22	22.23	1.10	36.20	31.20	4.70	4.70	50.80	57.40	3.90	5.61	12950	B,C,D
140-	SDAU140-1	44.45	25.22	25.40	12.70	42.20	36.40	5.56	5.56	54.90	62.30	4.67	7.24	17580	B,C,D
160-	SDAU160-1	50.80	31.55	28.57	14.27	48.20	41.60	6.30	6.30	65.50	73.40	6.38	9.91	23120	B,C,D
180-	SDAU180-1	57.15	35.48	35.71	17.48	54.31	46.88	7.14	7.14	73.90	83.00	9.38	3.23	28500	B,C,D
200-	SDAU200-1	63.5	37.85	39.68	19.84	60.30	52.00	7.90	7.90	80.30	90.30	10.75	16.26	36070	B,C,D
240-	SDAU240-1	76.20	47.35	47.63	23.80	72.30	62.40	8.80	8.80	95.50	105.50	15.90	23.63	53050	B,C,D



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height		Plate Thickness		Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (Pl)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
						IP (H1) (Max)	OP (H2) (Max)	IP (T1)	OP (T2)							
100-2	SDAU100-2	31.75	18.90	19.05	9.53	30.10	26.00	4.00	4.00	77.00	83.10	35.76	5.18	7.64	18060	A,B,C,D
120-2	SDAU120-2	38.10	25.22	22.23	11.10	36.20	31.20	4.70	4.70	96.30	102.90	45.44	7.80	11.13	25900	B,C,D
140-2	SDAU140-2	44.45	25.22	25.40	12.70	42.20	36.40	5.56	5.56	103.00	110.4	48.87	9.35	14.37	35160	B,C,D
160-2	SDAU160-2	50.80	31.55	28.57	14.27	48.20	41.60	6.30	6.30	124.00	131.90	58.55	12.77	19.68	46240	B,C,D
180-2	SDAU180-2	57.15	35.48	35.71	17.46	54.31	46.86	7.14	7.14	140.00	149.90	65.84	18.76	26.46	57100	B,C,D
200-2	SDAU200-2	63.50	37.85	39.68	19.84	60.30	52.00	7.90	7.90	151.00	161.00	71.55	21.50	32.83	72140	B,C,D
240-2	SDAU240-2	76.20	47.35	47.63	23.8	72.30	62.40	8.80	8.80	183.00	193.00	87.83	31.80	46.72	106100	B,C,D

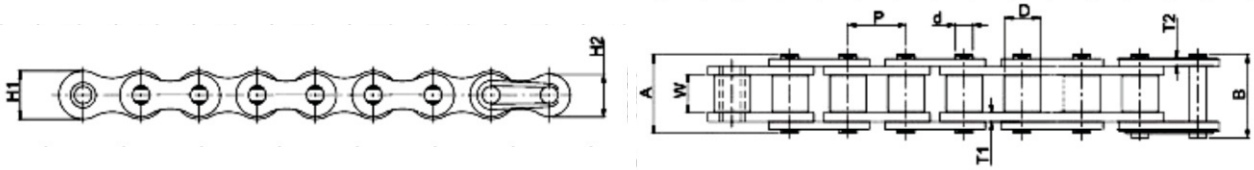


Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height		Plate Thickness		Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (Pl)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
						IP (H1) (Max)	OP (H2) (Max)	IP (T1)	OP (T2)							
100-3	SDAU100-3	31.75	18.90	19.05	9.53	30.10	26.00	4.00	4.00	113.00	119.10	35.76	7.77	11.43	27090	A,B,C,
120-3	SDAU120-3	38.10	25.22	22.23	11.10	36.20	31.20	4.70	4.70	141.03	147.60	45.44	11.70	16.67	38850	B,C,D
140-3	SDAU140-3	44.45	25.22	25.40	12.70	42.20	36.40	5.56	5.56	152.00	159.40	48.87	14.03	21.51	52740	B,C,D
160-3	SDAU160-3	50.80	31.55	28.57	14.27	48.20	41.60	6.30	6.30	182.00	189.90	58.55	19.16	29.45	69360	B,C,D
180-3	SDAU180-3	57.15	35.48	35.71	17.46	54.31	46.86	7.14	7.14	206.00	215.10	65.84	28.14	39.66	85700	B,C,D
200-3	SDAU200-3	63.50	37.85	39.68	19.84	60.30	52.00	7.90	7.90	223.00	233.00	71.55	32.26	48.28	108210	B,C,D
240 3	SDAU240-3	76.20	47.35	47.63	23.80	72.30	62.40	8.80	8.80	271.00	281.00	87.83	47.71	69.77	159150	B,C,D

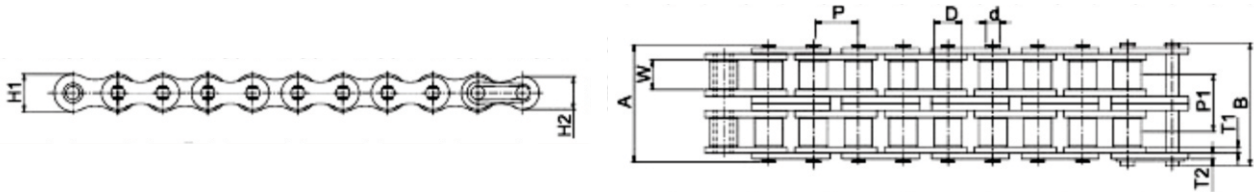


## AMERICAN HEAVY SERIES    ANSI B 29.1

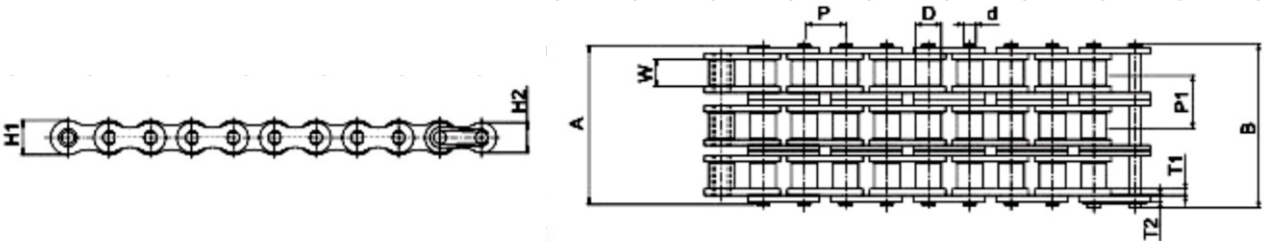
The American Heavy series of roller chains are designed using link plates of higher size it provides higher fatigue resistance, used in drives of high shock loads



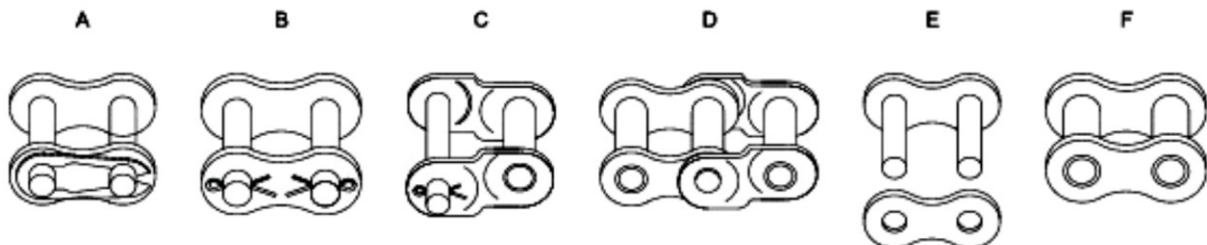
Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height		Plate Thickness		Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kg) (Min)	Spares Availability
						IP (H1) (Max)	OP (H2) (Max)	IP (T1)	OP (T2)						
120H-1	SDAU120H-1	38.10	25.22	22.23	11.11	36.20	31.20	5.56	5.56	55.10	61.70	4.10	6.61	12950	B,C,D
140H-1	SDAU140H-1	44.45	25.22	25.40	12.71	42.2	36.40	6.30	6.30	60.40	67.80	5.20	8.33	17580	B,C,D
160H-1	SDAU160H-1	50.80	31.55	28.57	14.29	48.20	41.60	7.14	7.14	70.00	77.90	7.10	10.88	23120	B,C,D
200H-1	SDAU200H-1	63.50	37.85	39.67	19.85	60.30	52.00	8.80	8.80	93.10	103.30	12.17	20.65	36070	B,C,D



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height		Plate Thickness		Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (P1)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kg) (Min)	Spares Availability
						IP (H1) (Max)	OP (H2) (Max)	IP (T1)	OP (T2)							
120H-2	SDAU120H-2	38.10	25.22	22.23	11.11	36.20	31.20	5.56	5.56	103.80	110.40	48.87	8.20	13.13	25900	B,C,D
140H-2	SDAU140H-2	44.45	25.22	25.40	12.71	42.20	36.40	6.30	6.30	112.20	119.60	52.20	10.40	16.52	35160	B,C,D
160H-2	SDAU160H-2	50.80	31.55	28.57	14.29	48.20	41.60	7.14	7.14	132.00	139.90	61.90	14.20	21.32	46240	B,C,D
200H-2	SDAU200H-2	63.50	37.85	39.67	19.85	60.30	52.00	8.80	8.80	170.60	180.8	78.31	24.34	39.26	72140	B,C,D

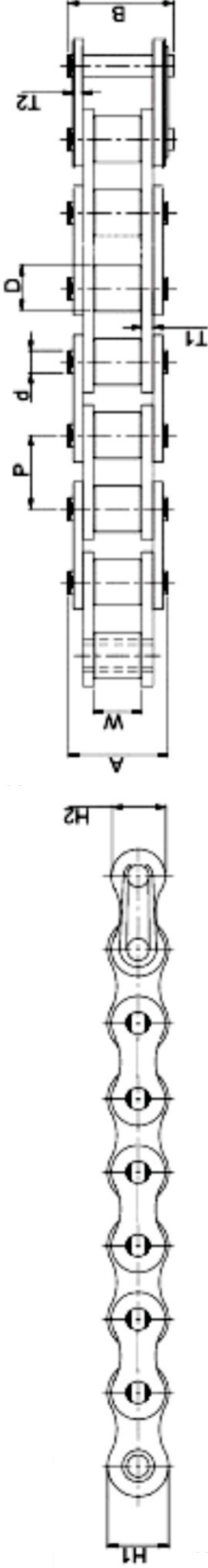


Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height		Plate Thickness		Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (P1)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kg) (Min)	Spares Availability
						IP (H1) (Max)	OP (H2) (Max)	IP (T1)	OP (T2)							
120H-3	SDAU120H-3	38.10	25.22	22.23	11.11	36.20	31.20	5.56	5.56	152.40	159.00	48.87	12.30	19.64	38850	B,C,D
140H-3	SDAU140H-3	44.45	25.22	25.40	12.71	42.20	36.40	6.30	6.30	164.30	171.70	52.20	15.60	24.73	52740	B,C,D
160H-3	SDAU160H-3	50.80	31.55	28.57	14.29	48.20	41.60	7.14	7.14	193.70	201.60	61.90	21.30	31.77	69360	B,C,D
200H-3	SDAU200H-3	63.50	37.85	39.67	19.85	60.30	52.00	8.80	8.80	252.60	262.80	78.31	36.51	60.79	108210	B,C,D



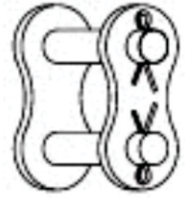
## THROUGH HARDENED PIN AMERICAN HEAVY SERIES ANSI B 29.1

The American Heavy series chains with through hardened high tensile pins has higher working load capacity and fatigue resistance in fluctuating load applications.



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Plate Height		Plate Thickness		Bearing Pin Dia (d) (Max)	Width Over Bearing Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
					IP H1 (Max)	OP H2 (Max)	IP T1 (Max)	OP T2 (Max)							
120H-1	SDAU120PTH-1	38.10	25.23	22.23	36.20	31.20	5.56	5.56	11.11	55.10	61.70	4.10	6.61	16200	B,E,F
160H-1	SDAU160PTH-1	50.80	31.55	28.57	48.20	41.60	7.14	7.14	14.29	70.00	77.90	7.10	10.9	29000	B,E,F
200H-1	SDAU200PTH-1	63.50	37.85	39.67	60.30	52.00	8.80	8.80	19.85	93.10	103.30	12.17	20.7	52500	B,E,F

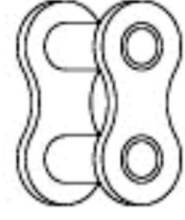
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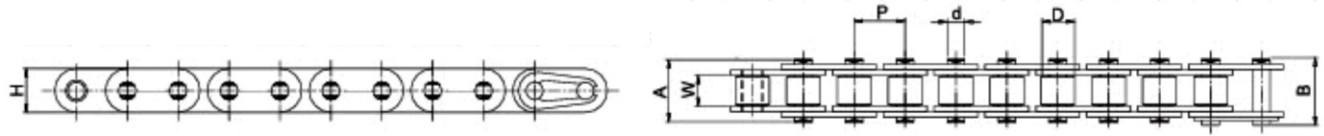


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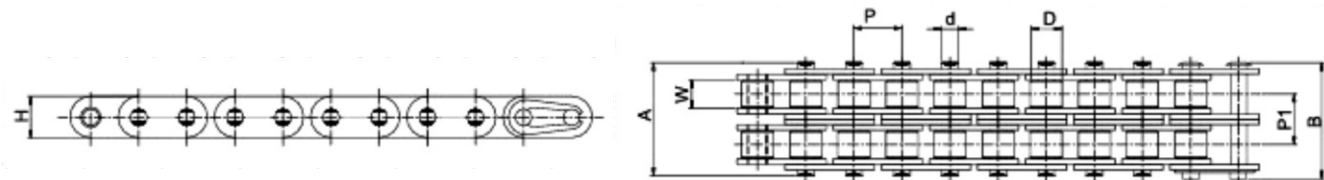


## STRAIGHT SIDE PLATE CHAINS - EUROPEAN SERIES

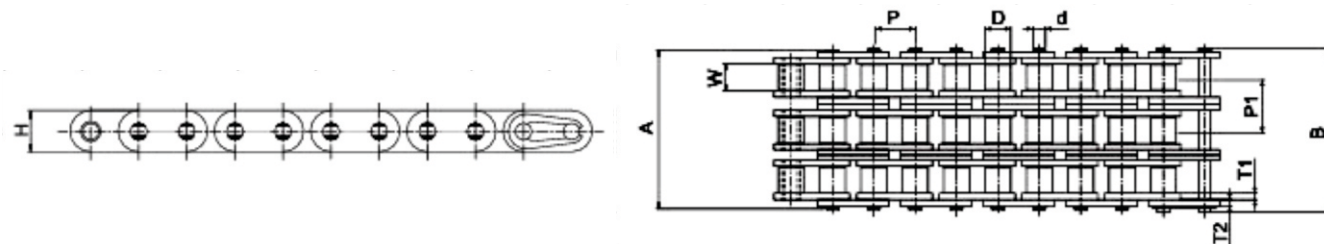
The Straight side plate chains are identical to the corresponding European series standard chains except for the straight side plates. This series have higher fatigue resistance than standard chains



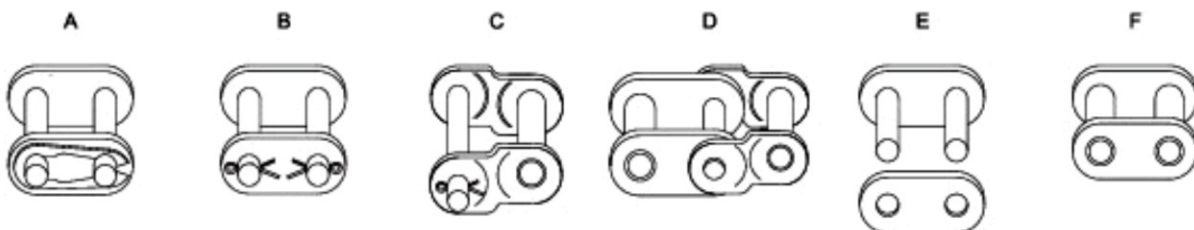
Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Beang Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
C24B	STEUC24B-1	38.10	25.40	25.40	14.63	33.40	53.40	60	5.49	7.16	16310	B,C,D
C28B	STEUC28B-1	44.45	30.99	27.94	15.90	37.00	65.10	72.5	7.26	8.79	20390	B,C,D
C32B	STEUC32B-1	50.80	30.99	29.21	17.81	42.20	67.40	75.3	8.05	10.42	25500	B,C,D



Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Beang Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (Pl)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
C20B	STEUC20B-2	31.75	19.56	19.05	10.19	26.40	79.00	85.10	36.45	5.82	7.72	17330	B,C,D
C24	STEUC24B-2	38.10	25.40	25.40	14.63	33.40	101.00	107.60	48.36	10.98	14.15	28850	B,C,D
C28B	STEUC28B-2	44.45	30.99	27.94	15.90	37.00	124.00	131.40	59.56	14.52	17.39	36700	B,C,D
C32B	STEUC32B-2	50.80	30.99	29.21	17.81	42.20	126.00	133.90	58.55	16.10	20.63	45880	B,C,D

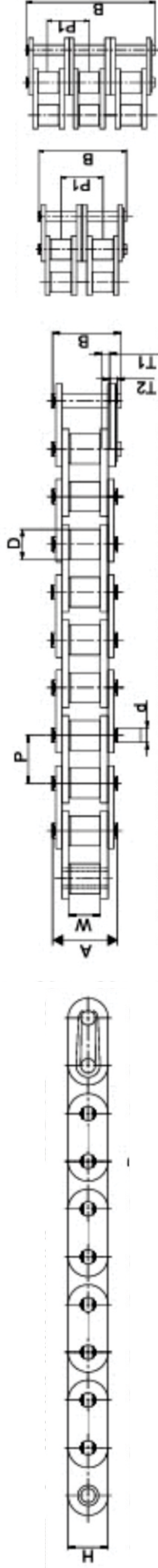


Intl. Ref. No.	CHAIN NO.	Pitch (P)	Width between inner Plates (W) (Min)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Beang Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (Pl)	Projected Bearing Area Sq.cm	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
C20B	STEUC20B-3	31.75	19.56	19.05	10.19	26.40	116.00	122.10	36.45	8.73	11.53	25490	A B C D
C24B	STEUC24B-3	38.10	25.40	25.40	14.63	33.40	150.00	156.60	48.36	16.47	21.15	43330	B,C,D
C28	STEUC28B-3	44.45	30.99	27.94	15.90	37.00	184.00	191.40	59.56	21.78	26.00	54040	B,C,D
C32B	STEUC32B-3	50.80	30.99	29.21	17.81	42.20	281.00	291.00	58.55	24.15	30.84	68320	B,C,D



## STRAIGHT SIDE PLATE CHAINS - AMERICAN SERIES ANSI B 29.4

The Straight side plate chains are identical to the corresponding American series standard chains except for the straight side plates. This series have higher fatigue resistance than standard chains



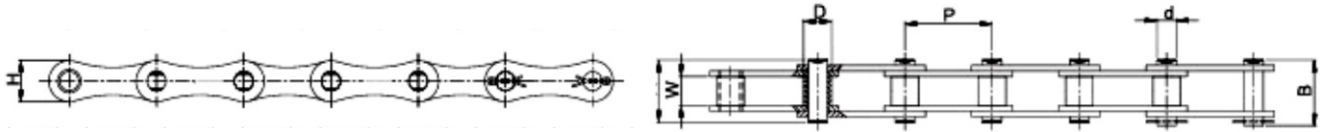
Intl. Rel. No.	CHAIN NO.	Pitch (P)	Width between Inner Plates (W) (Mil)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Plate Thickness Joint		Width Over Beam Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Transverse Pitch (PI)	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)	Spares Availability
							IP T1	OP T2						
C100-1	STAUC100-1								41.10	47.2		4.01	9030	A,B,C,
C100-2	STAUC100-2							77.70	83.10			7.93	18060	A,B,C,
C100-3	STAUC100-3	31.75	18.90	19.05	9.53	30.10	4.00	113.00	119.10	35.76		11.86	27090	A,B,C,
C120-1	STAUC120-1							50.80	57.40			5.74	12950	B,C,D
C120-2	STAUC120-2							96.30	102.90			11.37	25900	B,C,D
C120-3	STAUC120-3	38.10	25.22	22.23	11.10	36.20	4.70	141.03	147.60	45.44		17.01	38850	B,C,D
C160-1	STAUC160-1							65.50	73.40			7.47	23130	B,C,D
C160-2	STAUC160-2							124.00	131.90			14.81	46250	B,C,D
C160-3	STAUC160-3	50.80	31.55	28.58	14.27	47.78	6.30	182.00	189.90	58.55		22.16	69370	B,C,D



## DOUBLE PITCH DRIVE CHAINS

ISO 1275 / BS 4687 / DIN 8181

The pitch of the chains is twice that of standard chains while other components are similar to that of corresponding standard chains. These chains are used in light load drives

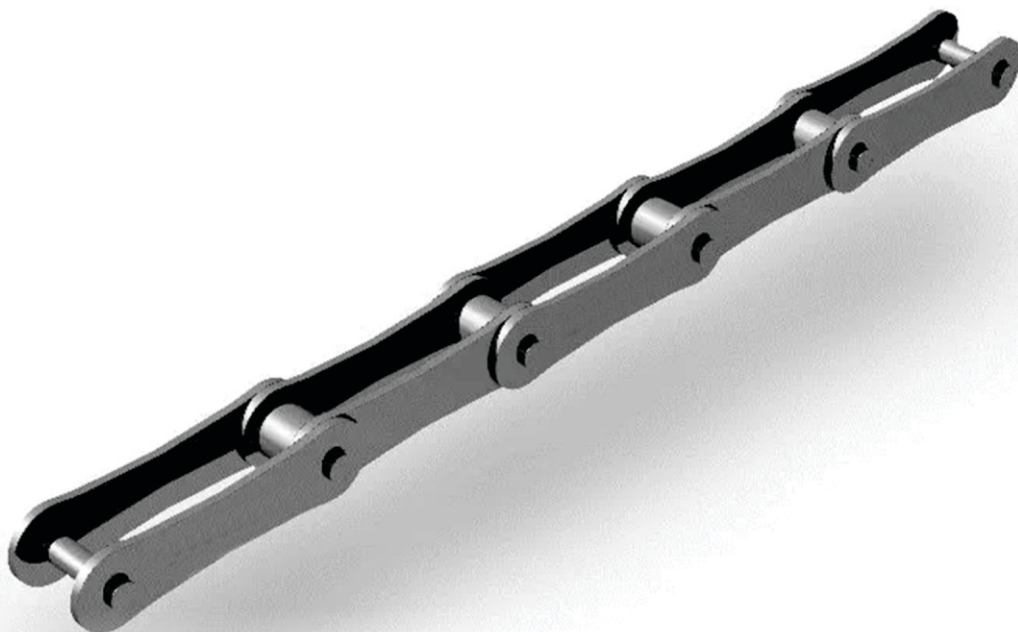
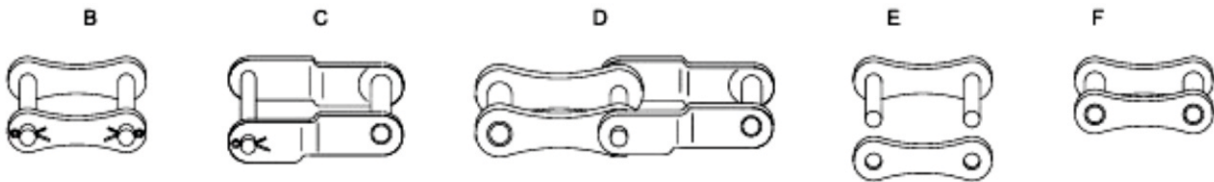


### AMERICAN SERIES

Intl. Rel. No.	CHAIN NO.	Pitch (P)	Width between Inner Plates (W)	Roller Dia (D) (Max)	Bearing Pin Dia (d) (Max)	Plate Height (H) (Max)	Width Over Beam Pin (A) (Max)	Width Over Joint Fasteners (B)	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)
A2060	SDAUA2060DP	38.10	12.58	11.91	5.94	18.10	26.90	31.50	1.03	3240
A2080	SDAUA2080DP	50.80	15.75	15.88	7.92	24.10	33.50	38.90	1.70	5780
A2100	SDAUA2100DP	63.50	18.90	19.05	9.53	29.02	41.10	47.20	2.55	9030
A2120	SDAUA2120DP	76.20	25.22	22.23	11.10	34.82	50.80	57.40	4.06	12950

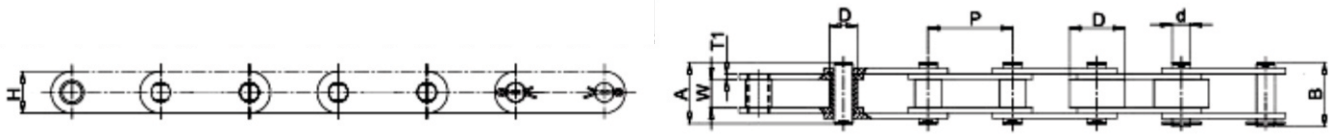
### EUROPEAN SERIES

212B	SDEU212BDP	38.10	11.68	12.07	5.72	15.30	22.70	27.30	0.80	2960
216B	SDEU216BDP	50.80	17.02	15.88	8.27	20.65	36.10	41.50	1.42	6120
220B	SDEU220BDP	63.50	19.56	19.05	10.19	26.42	43.20	49.30	2.38	9690
224B	SDEU224BDP	76.20	25.40	25.40	14.63	33.40	53.40	60.00	4.70	16310
228B	SDEU228BDP	88.90	30.99	27.94	15.90	37.00	65.10	72.50	6.23	20390
232B	SDEU232BDP	101.60	30.99	29.21	17.81	42.20	67.40	75.30	6.72	25500

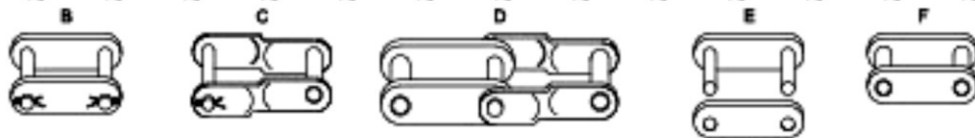


## DOUBLE PITCH CONVEYOR CHAINS - AMERICAN SERIES ISO 1275 / ANSI B29.4

The chains are similar to double pitch power transmission chains, but the link plates have a straight contour and can be produced with standard or large rollers. They can be used in conveyor applications



Intl. Rel. No.	CHAIN NO.	Pitch (P)	Width between Inner Plates (W) (Mil)	Roller Dia (D) (Max)	Pin Dia (d) (Max)	Plate Height (H) (Max)	Plate Thickness (t)	Width Over Beam Pin (A) (Max)	Width Over Joint Fasteners (B) (Max)	Avg. Weight Per Metre (Kg)	Tensile Strength (Kgf) (Min)
C2080H	SDDPC2080HHCV	50.80	15.75	15.88	7.92	24.05	4.00	38.00	43.40	2.52	5780
C2082H	SDDPC2082HHCV			28.58						3.60	
C2100	SDDPC2100HCV	63.50	18.90	19.05	9.53	29.26	4.00	41.10	47.20	3.21	9030
C2102	SDDPC2102HCV			39.67						5.45	
C2100H	SDDPC2100HHCV	63.50	18.90	19.05	9.53	29.26	4.70	43.40	46.70	3.56	9030
C2102H	SDDPC2102HHCV			39.67						5.38	
C2120	SDDPC2120HCV	76.20	25.22	22.23	11.10	36.20	4.70	50.80	57.40	4.66	12950
C2122	SDDPC2122HCV			44.45						7.66	
C2120H	SDDPC2120HHCV	76.20	25.22	22.23	11.1	36.20	5.56	55.10	61.70	5.26	12950
C2122H	SDDPC2122HHCV			44.45						8.26	
C2160	SDDPC2160HCV	101.60	31.55	28.58	14.27	48.26	5.56	65.50	73.40	8.15	23130
C2162	SDDPC2162HCV			57.15						13.00	
C2160H	SDDPC2160HHCV	101.60	31.55	28.58	14.27	48.26	7.14	70.00	77.90	9.06	23120
C2162H	SDDPC2162HHCV			57.15						12.77	



# Attachments - Special Applications

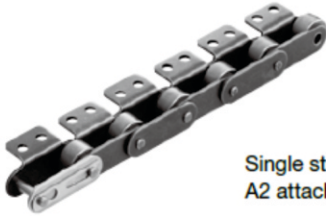




# STANDARD ATTACHMENTS

## 1. A1, A2 Attachments

An A attachment has a bent link plate that extends out on one side of the chain, forming an L-shape. The attachment comes with one or two bolt holes and is designated as A1 or A2, respectively



Single strand with  
A2 attachment every link

## 5. GNK1 Attachment

The GNK1 attachment indicates a chain with a bolt hole drilled into the center of the link plates on both sides of the chain.



Single strand with  
GNK1 attachment every link

## 2. K1, K2 Attachments

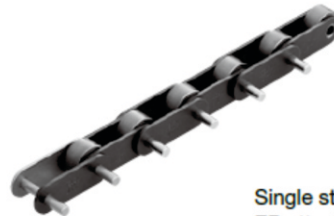
A K attachment has a bent link plate that extends out on both sides of the chain. The attachment comes with one or two bolt holes and is designated as K1 or K2, respectively



Single strand with  
K2 attachment every link

## 6. EP Attachment (Extended Pin)

One end of the pins is extended on one side of the chain.



Single strand with  
EP attachment every link

## 3. SA1, SA2 Attachments

With an SA attachment, the link plate is extended vertically on one side of the chain. The attachment comes with one or two bolt holes and is designated as SA1 or SA2, respectively



Single strand with  
SA2 attachment every link

## 7. Hollow Pin Chain

In Hollow Pin Chain, the pins have a hole, allowing for installation of various attachments.



## 4. SK1, SK2 Attachments

With an SK attachment, the link plate is extended vertically on both sides of the chain. The attachment comes with one or two bolt holes and is designated as SK1 or SK2, respectively (SK1 only for RS type).



Single strand with  
SK2 attachment every link

### Attachment Positioning

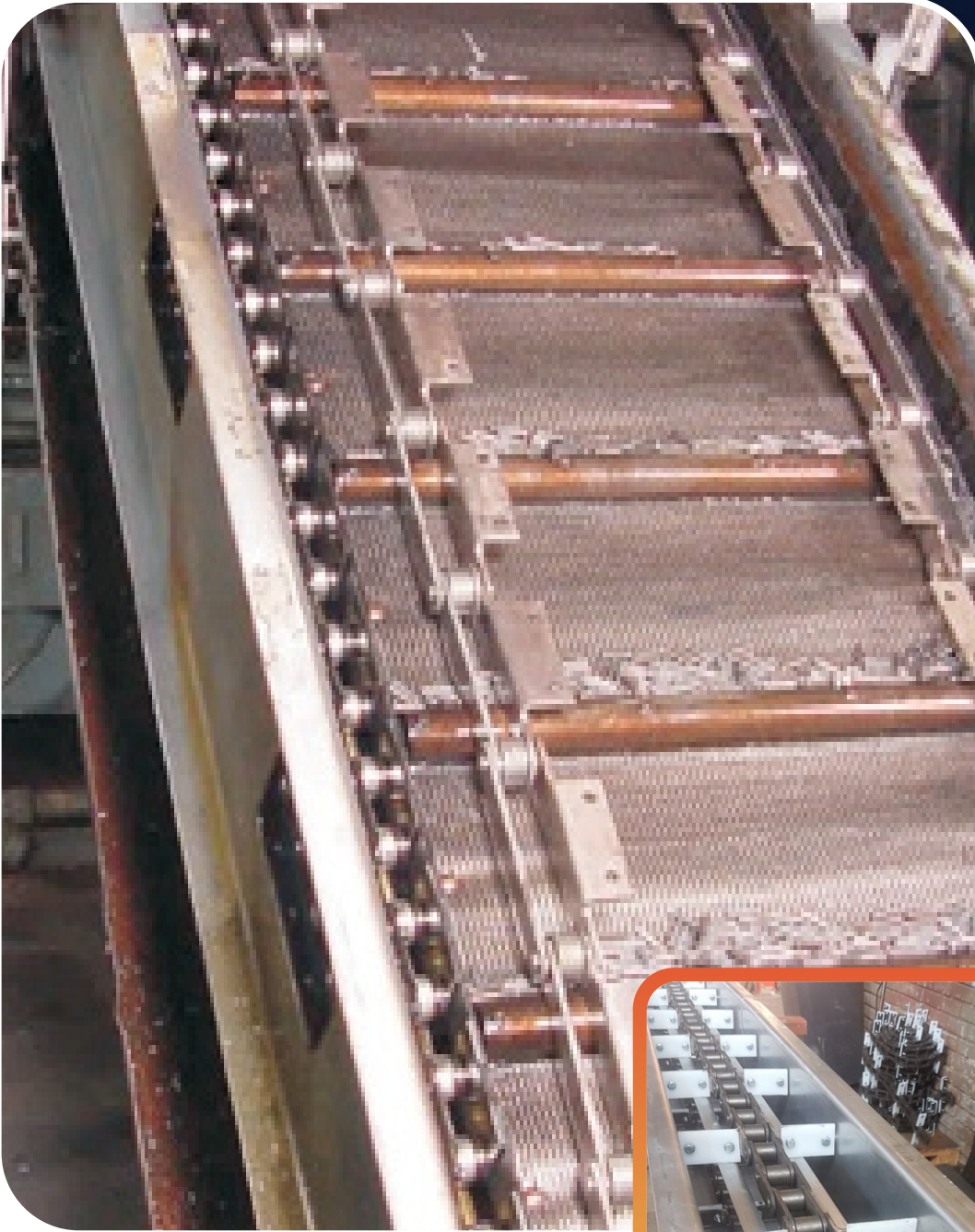
Chains can be assembled with an attachment on every link plate or at intervals of two or more links. However, placing an attachment on an outside link at an interval of an even number of links is convenient for maintenance purposes.

Single strand with  
A2 attachment  
every second link

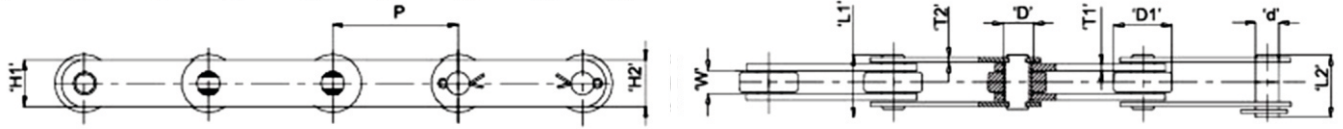


Single strand with  
A1 attachment  
every fourth link

# Conveyor Chain Dragon Series



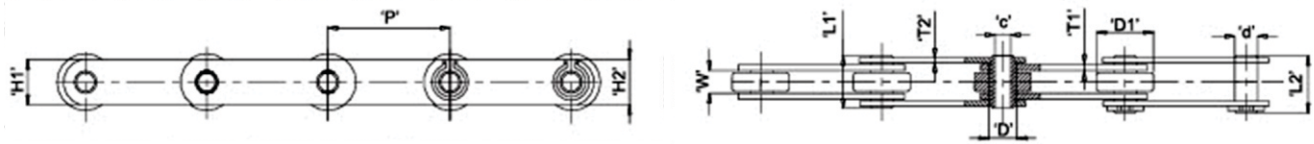
## EUROPEAN SERIES (BS) - SOLID PIN CHAINS



Minimum Tensile Strength in lbs	Pitch (P)		Width between Inner Plates (W) (Min)	Large Roller Dia (D1)	Bush dia (D)	Solid Pin Dia (d)	Solid Pin Length (L1) (Max)	Connecting pin length ('L2') (Max)	Inner Plate		Outer Plate		Avg. Wt/ Mtr in(Kg)	CHAIN NO.
	INCH	METRIC							Height (H1)	Thick ('T1')	Height (H2')	Thick ('T2')		
7500	2.0	50.80	15.00	31.80	18.00	14.00	38.00	42.60	25.40	3.80	25.40	3.80	4.07	ESSP5001
	2.5	63.50											3.59	ESSP6301
	3.0	76.20											3.29	ESSP7601
	4.0	101.60											2.88	ESSP10101
	5.0	127.00											2.65	ESSP12701
	6.0	152.40											2.49	ESSP15201
15000	2.0	50.80	19.00	47.60	23.60	19.00	46.00	49.80	38.10	5.10	38.10	3.80	8.14	ESSP5002
	3.0	76.20											7.77	ESSP7602
	4.0	101.60											6.56	ESSP10102
	5.0	127.00											5.85	ESSP12702
	6.0	152.40											5.34	ESSP15202
	7.0	177.80											5.00	ESSP17702
	8.0	203.20											4.78	ESSP20302
	9.0	228.60											4.53	ESSP22802
30000	4.0	101.60	25.40	66.67	33.20	26.90	60.00	65.40	51.00	7.10	51.00	5.10	14.50	ESSP10103
	5.0	127.00											12.65	ESSP12703
	6.0	152.40											11.40	ESSP15203
	7.0	177.80											10.52	ESSP17703
	8.0	203.20											9.87	ESSP20303
	9.0	228.60											9.34	ESSP22803
	12.0	304.80											8.31	ESSP30403
	45000	5.0											127.00	38.10
6.0		152.40	24.69	ESSP15204										
7.0		177.8	22.31	ESSP17704										
8.0		203.20	20.55	ESSP20304										
9.0		228.60	19.21	ESSP22804										
12.0		304.80	16.49	ESSP30404										
60000		6.0	152.40	38.10	88.90	38.10	23.00	82.00	86.90	61.00	10.0	61.00	8.9	
	7.0	177.80	21.96											ESSP17705
	8.0	203.20	20.26											ESSP20305
	9.0	228.60	18.94											ESSP22805
	12.0	304.80	16.28											ESSP30405
90000	6.0	152.4	38.10	88.90	38.10	29.4-0	94.00	98.60	63.50	13.00	63.50	10.00	29.61	ESSP15206
	9.0	228.60											23.78	ESSP22806
	12.0	304.80											20.87	ESSP30406



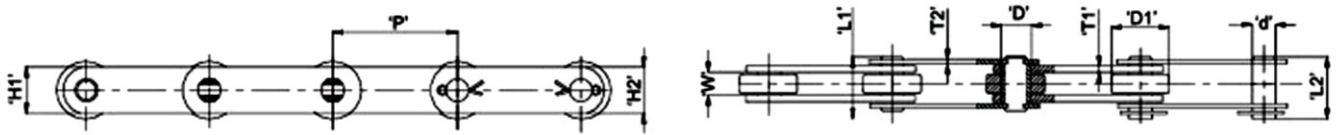
## EUROPEAN SERIES (BS) - HOLLOW PIN CHAINS



Minimum Tensile Strength in lbs	Pitch (P)		Width between Inner Plates (W) (Min)	Large Roller Dia (D1)	Bush dia (D)	Hollow Pin bore ('c') (Min)	Hollow Pin Dia ('d')	Hollow pin length ('L1') (Max)	Connecting pin length ('L2') (Max)	Inner Plate		Outer Plate		Avg. Wt/ Mtr in (Kg)	CHAIN NO.
	INCH	METRIC								Height ('H1')	Thick (T1)	Height ('H2')	Thick ('T2')		
6000	2.0	50.80	15.00	31.80	18.00	10.10	14.00	36.50	38.90	25.40	3.80	25.40	3.80	3.68	ESH5001
	2.5	63.50												3.29	ESH6301
	3.0	76.20												3.02	ESH7601
	4.0	101.60												2.71	ESH10101
	5.0	127.00												2.51	ESH12701
	6.0	152.40												2.38	ESH15201
12000	2.0	50.80	19.00	47.60	23.60	13.20	19.00	45.60	47.50	38.10	5.10	38.10	3.80	5.49	ESH5002
	3.0	76.20												7.28	ESH7602
	4.0	101.60												6.21	ESH10102
	5.0	127.00												5.57	ESH12702
	6.0	152.40												5.13	ESH15202
	7.0	177.80												4.83	ESH17702
	8.0	203.20												4.61	ESH20302
	9.0	228.60												4.42	ESH22802
24000	4.0	101.60	25.40	66.67	33.20	20.10	26.90	57.00	60.50	51.00	7.10	51.00	5.10	13.16	ESH10103
	5.0	127.00												11.58	ESH12703
	6.0	152.40												11.27	ESH15203
	7.0	177.8												9.77	ESH17703
	8.0	203.20												9.21	ESH20303
	9.0	228.60												8.78	ESH22803
	12.0	304.80												7.90	ESH30403
	36000	5.0												127.00	38.10
6.0		152.40	22.62	ESH15204											
7.0		177.80	20.58	ESH17704											
8.0		203.20	19.05	ESH20304											
9.0		228.60	17.87	ESH22804											
12.0		304.8	15.49	ESH30404											



## METRIC SERIES (ISO) - SOLID PIN CHAINS

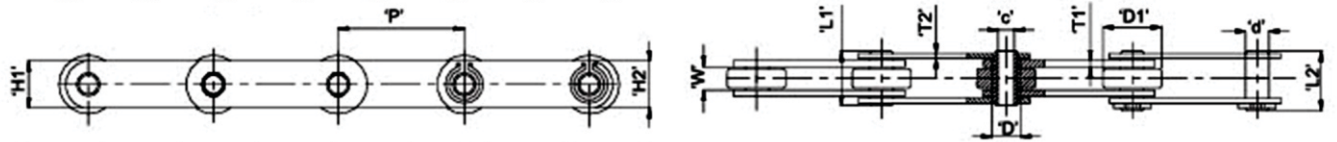


Minimum Tensile Strength in Newtons	Pitch (P)	Width between Inner Plates (W) (Min)	Large Roller Dia (D1)	Bush dia (D)	Solid Pin Dia (d)	Solid Pin Length(L1) (Max)	Connecting pin length ('L2') (Max)	Inner Plate		Outer Plate		Avg. Wt/ Mtr in(Kg)	CHAIN NO.
								Height ('H1')	Thick (T1)	Height ('H2')	Thick ('T2')		
20000	50	16.00	25.00	9.00	6.00	30.50	33.10	8.00	2.50	18.00	2.50	2.02	ISSP5001
	63.00											1.72	ISSP6301
	80.00											1.51	ISSP8001
	100.00											1.35	ISSP10001
	125.00											1.22	ISSP12501
	160.00											1.10	ISSP16001
28000	63.00	18.00	30.00	10.00	7.00	35.00	37.50	20.00	3.00	20.00	3.00	2.74	ISSP6302
	80.00											2.35	ISSP8002
	100.00											2.07	ISSP10002
	125.00											1.85	ISSP12502
	160.00											1.65	ISSP16002
	200.00											1.51	ISSP20002
40000	63.00	20.00	36.00	12.50	8.50	41.00	44.60	25.00	3.50	25.00	3.50	4.40	ISSP6303
	80.00											3.76	ISSP8003
	100.00											3.30	ISSP10003
	125.00											2.93	ISSP12503
	160.00											2.60	ISSP16003
	200.00											2.36	ISSP20003
56000	80.00	24.00	42.00	15.00	10.00	46.50	52.30	30.00	4.00	30.00	4.00	5.63	ISSP8004
	100.00											4.89	ISSP10004
	125.00											4.30	ISSP12504
	160.00											3.77	ISSP16004
	200.00											3.41	ISSP20004
	250.00											3.12	ISSP25004
80000	80.00	28.00	50.00	18.00	12.00	55.00	60.40	35.00	5.00	35.00	5.00	9.40	ISSP8005
	100.00											8.07	ISSP10005
	125.00											7.00	ISSP12505
	160.00											6.07	ISSP16005
	200.00											5.40	ISSP20005
	250.00											4.87	ISSP25005
112000	315.00	32.00	60.00	21.00	15.00	63.50	70.30	40.00	6.00	40.00	6.00	4.43	ISSP31505
	400.00											11.45	ISSP10006
	125.00											9.93	ISSP12506
	160.00											8.59	ISSP16006
	200.00											7.65	ISSP20006
	250.00											6.89	ISSP25006
160000	315.00	37.00	70.00	25.00	18.00	73.50	81.20	50.00	7.00	50.00	7.00	6.26	ISSP31506
	400.00											5.74	ISSP40006
	160.00											13.41	ISSP16007
	200.00											11.80	ISSP20007
	250.00											10.51	ISSP25007
	315.00											9.45	ISSP31507
	400.00											8.59	ISSP40007

Minimum Tensile Strength in Newtons	Pitch (P)	Width between Inner Plates (W) (Min)	Large Roller Dia (D1)	Bush dia (D)	Solid Pin Dia (d)	Solid Pin Length(L1) (Max)	Connecting pin length ('L2') (Max)	Inner Plate		Outer Plate		Avg. Wt/ Mtr in(Kg)	CHAIN NO.
								Height ('H1')	Thick (T1)	Height ('H2')	Thick ('T2')		
224000	160.00	43.00	85.00	30.00	21.00	84.00	93.10	60.00	8.00	60.00	8.00	20.24	ISSP16008
	200.00											17.71	ISSP20008
	250.00											15.69	ISSP25008
	315.00											14.01	ISSP31508
	400.00											12.65	ISSP40008
315000	200.00	48.00	100.00	36.00	25.00	97.00	107.00	70.00	10.00	70.00	10.00	29.35	ISSP20009
	250.00											25.70	ISSP25009
	315.00											22.70	ISSP31509
	400.00											20.24	ISSP40009
450000	200.00	56.00	120.00	42.00	30.00	114.00	126.60	80.00	12.00	80.00	12.00	45.03	ISSP20010
	250.00											39.06	ISSP25010
	315.00											34.13	ISSP31510
	400.00											30.11	ISSP40010
630000	250.00	66.00	140.00	50.00	36.00	133.00	145.00	100.00	14.00	100.00	14.00	61.00	ISSP25011
	315.00											52.99	ISSP31511
	400.00											46.46	ISSP40011
900000	315.00	78.00	170.00	60.00	44.00	153.00	169.60	120.00	16.00	120.00	16.00	84.16	ISSP31512
	400.00											72.72	ISSP40012



## METRIC SERIES (ISO) - HOLLOW PIN CHAINS



Minimum Tensile Strength in Newtons	Pitch (P)	Width between Inner Plates (W) (Min)	Bush dia (D)	Large Roller Dia (D1)	Hollow Pin bore (c) (Min)	Hollow Pin Dia (d)	Hollow pin length (L1) (Max)	Connecting pin length (L2) (Max)	Inner Plate		Outer Plate		Avg. Wt/ Mtr in(Kg)	CHAIN NO.
									Height (H1)	Thick (T1)	Height (H2)	Thick (T2)		
28000	63.00	20.00	17.50	36.00	8.20	13.00	40.50	43.90	25.00	3.50	25.00	3.50	3.96	ISHP6301
	80												3.44	ISHP8001
	100.00												3.04	ISHP10001
	125.00												2.71	ISHP12501
	160.00												2.43	ISHP16001
56000	80	24.00	21.00	50.00	10.20	15.50	46.50	50.00	35.00	4.00	35.00	4.00	6.79	ISHP8002
	100.00												5.87	ISHP10002
	125.00												5.14	ISHP12502
	160.00												4.52	ISHP16002
	200.00												4.07	ISHP20002
112000	250.00	32.00	29.00	70.00	14.30	22.00	63.00	69.90	50.00	6.00	50.00	6.00	3.71	ISHP25002
	100.00												15.16	ISHP10003
	125.00												13.04	ISHP12503
	160.00												11.16	ISHP16003
	200.00												9.82	ISHP20003
224000	250.00	43.00	41.00	100.00	20.30	31.00	83.00	92.10	70.00	8.00	70.00	8.00	8.75	ISHP25003
	315.00												7.87	ISHP31503
	160.00												21.96	ISHP16004
	200.00												18.85	ISHP20004
	250.00												16.38	ISHP25004
224000	350.00	43.00	41.00	100.00	20.30	31.00	83.00	92.10	70.00	8.00	70.00	8.00	14.32	ISHP35004
	400.00												12.64	ISHP40004



Minimum Tensile Strength in Newtons	Pitch (P)	Width between Inner Plates (W) (Min)	Large Roller Dia (D1)	Bush dia (D)	Solid Pin Dia (d)	Solid Pin Length(L1) (Max)	Connecting pin length ('L2') (Max)	Inner Plate		Outer Plate		Avg. Wt/ Mtr in(Kg)	CHAIN NO.
								Height ('H1')	Thick (T1)	Height ('H2')	Thick ('T2')		
224000	160.00	43.00	85.00	30.00	21.00	84.00	93.10	60.00	8.00	60.00	8.00	20.24	ISSP16008
	200.00											17.71	ISSP20008
	250.00											15.69	ISSP25008
	315.00											14.01	ISSP31508
	400.00											12.65	ISSP40008
315000	200.00	48.00	100.00	36.00	25.00	97.00	107.00	70.00	10.00	70.00	10.00	29.35	ISSP20009
	250.00											25.70	ISSP25009
	315.00											22.70	ISSP31509
	400.00											20.24	ISSP40009
450000	200.00	56.00	120.00	42.00	30.00	114.00	126.60	80.00	12.00	80.00	12.00	45.03	ISSP20010
	250.00											39.06	ISSP25010
	315.00											34.13	ISSP31510
	400.00											30.11	ISSP40010
630000	250.00	66.00	140.00	50.00	36.00	133.00	145.00	100.00	14.00	100.00	14.00	61.00	ISSP25011
	315.00											52.99	ISSP31511
	400.00											46.46	ISSP40011
900000	315.00	78.00	170.00	60.00	44.00	153.00	169.60	120.00	16.00	120.00	16.00	84.16	ISSP31512
	400.00											72.72	ISSP40012



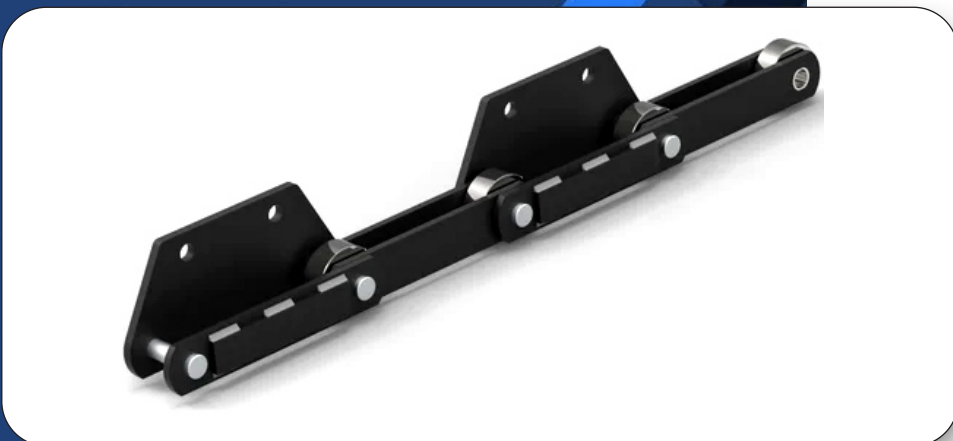




**BUCKET ELEVATOR**



**SCRAPPER CHAIN**



**RECLAIMER CHAIN**

**Note: We manufacture all kinds of conveyor chains with customization such as special coatings, attachments and profiles as per the needs of the customers.**

# CORROSION RESISTANT CHAINS PLATINUM SERIES

Nickel , Zinc, Blackening, Stainless Steel,  
ZAC Coatings can be given on  
all series of chains for higher  
Resistance to corrosion.  
As per the needs of the customers



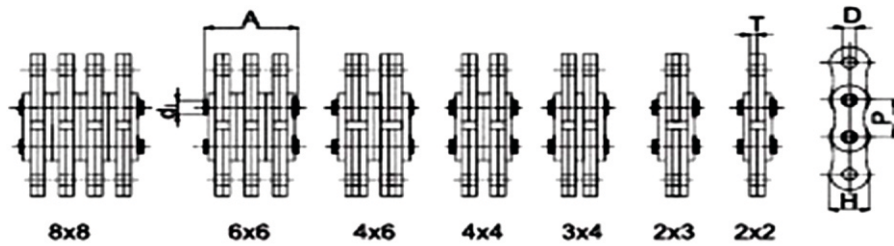
# Leaf Chain



## BL SERIES

## ISO 4347 / DIN 8152 / ANSI B29.8

The BL Series leaf chains are used for medium and great shock loads such as lift trucks, construction and mining



Intl. Ref No.	CHAIN NO	Lacing Pattern	Pitch (P)	Pin Dia (d) (Max)	Plate Height (H) (Max)	Plate Thickness (T) (Max)	Hole Dia (D) (Min)	Width Over Bearing Pin (A) (Max)	Avg. Weight Per Metre(Kg)	Tensile Strength (Kgf)(Min)
BL 1022	HLBL102	2 x 2						25.30	3.41	11790
BL 1023	HLBL102	2 x 3						30.30	4.23	11790
BL 1034	HLBL103	3 x 4						40.20	5.85	18630
BL 1044	HLBL104	4 X 4	31.75	11.11	30.18	4.90	11.14	45.10	6.69	23580
BL 1046	HLBL104	4 x 6						55.00	8.29	23580
BL 1066	HLBL106	6 x 6						65.00	9.92	35370
BL 1088	HLBL108	8 x 8						84.80	13.92	47170
BL 1222	HLBL122	2 x 2						29.60	5.00	15430
BL 1223	HLBL122	2 x 3						35.40	6.22	15430
BL 1234	HLBL123	3 x 4						47.00	8.62	24960
BL 1244	HLBL124	4 X 4	38.10	12.71	36.20	5.77	12.74	52.80	9.84	30860
BL 1246	HLBL124	4 x 6						64.5()	12.26	30860
BL 1266	HLBL126	6 x 6						76.10	14.50	46280
BL 1288	HLBL128	8 x 8						99.40	19.54	61680
BL 1422	HLBL142	2 x 2						33.5()	6.32	19500
BL 1423	HLBL142	2 x 3						40.10	7.91	19500
BL 1434	HLBL143	3 x 4						53.30	11.10	32200
BL 1444	HLBL144	4 X 4	44.45	14.29	42.20	6.55	14.31	59.	12.62	39000
BL 1446	HLBL144	4 x 6						73.10	16.69	39000
BL 1466	HLBL146	6 x 6						86.30	20.00	58960
BL 1488	HLBL148	8 x 8						112.30	25.28	78010
BL 1622	HLBL162	2 x 2						39.00	8.72	29480
BL 1623	HLBL162	2 x 3						46.5()	12.68	29480
BL 1634	HLBL163	3 x 4						61.70	15.09	44900
BL 1644	HLBL164	4 x 4	50.80	17.46	48.26	7.52	17.49	69.20	17.81	58960
BL 1646	HLBL164	4 x 6						84.40	21.46	58960
BL 1666	HLBL166	6x 6						99.5()	25.71	88440
BL 1688	HLBL168	8 x 8						129.80	39.89	117910
BL 2022	HLBL202	2 x 2						51.70	15.80	44200
BL 2023	HLBL202	2 x 3						61.70	19.80	44200
BL 2034	HLBL203	3 x 4						81.60	27.70	66300
BL 2044	HLBL204	4 X 4	63.50	23.81	60.30	9.91	23.84	91.50	31.60	88400
BL 2046	HLBL204	4 X 6						111.40	39.50	88400
BL 2066	HLBL206	6x 6						131.30	47.40	132600
BL 2088	HLBL208	8 x 8						171.20	63.20	176900





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