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Product Catalog Forging The Future





ABOUT YUH CHERN

In 1979, Yuh Chern Manufacturing Co., Ltd. was established in Taichung City, Taiwan.

Core Business

Since our inception, we have developed a professional hot forging manufacturing service model together with experienced stamping and machining competitiveness that focuses on standardized and customized products in the filed of conveyor chains and related products.

Product Range







The Endless Pursuit for Perfection

Along with business growth, we had not only upgraded manufacturing facilities but also implemented the following management systems:

- ISO 9001 (Quality Management)
- ERP (Enterprise Resource Planning)
- SFT (Shop Floor Tracking)
- PLM (Product Lifecycle Management)
- APS (Advanced Planning and Scheduling)

Experience Makes the Difference

Over the decades, our research and development team has accumulated valuable expertise in product development in order to provide customers with professional technical advice in the early stages of their product development. The efforts Include material analysis, structure design and surface treatment. By utilizing software such as AutoCAD, Solidworks, Autodesk Inventor, SolidCAM, Cimatron CAD/CAM and Geomagic Design, we are capable of processing more than a hundred development cases per year. This has allowed us to provide increased product developing efficiency and helped customers to shorten the products TTM (time to market) period.



Company Quality Policy

Customer Satisfaction & Continuous Improvement



Company Vision

To further our knowledge and skill capabilities as a service provider in the technical fields of forging, stamping and machining.



Company Mission

Through quality services and innovation, provide our customers with the most trusted and technologically advanced products.





ENCLOSED TRACK CONVEYOR CHAINS

This Overhead Conveyor Chain system's greatest advantage is that it utilizes a closed track system. The chain can move freely in horizontal and vertical directions within minimal space. Each chain link pitch has horizontal and vertical wheels that have ball bearings for carrying the load with ease. This assists in reducing travel resistance and increasing the life expectancy of the chain.

This enclosed track conveyor chain is designed for maximum flexibility across multi-directional track systems. Compared to conventional conveyor chain systems, this flexibility enhances the conveyor performance while maintaining overall strength and stability. The track route can be designed and installed according to the site requirements and provides functional options in material handling, transportation and storage.

Transportation loads are used to categorize the chains:

- *Light duty (10~20kg) 2 Ton Enclosed Track Conveyor Chain
- * Medium duty (30~50kg) 5 Ton Enclosed Track Conveyor Chain
- *Heavy duty (50~70kg) 7 Ton Enclosed Track Conveyor Chain

The track structure is multi-functional and can be applied to any position and gradient including high altitude, ground level, ascending, descending and directional changing positions within any facility.

Product Features:

- Reliable and economical: the most cost-effective conveyance equipment on the market
- High Precision, long lasting Conveyor Chains
- Intelligent Design for simple installation, assembly and disassembly
- The conveyance componentry are non-exposed and well protected. This is essential for surface treatment and powder coating lines.
- The flexibility of a multi-directional track system fully utilizes the overhead spaces within a plant. Maximizing suspended conveyor lines will reduce occupation of plant floor space and increase facility capacity.

The steering in the horizontal plane is realized by the interaction between the horizontal curve and the horizontal wheel. Our systems carry various radii and angles of horizontal curved tracks that our customers can choose from. The horizontal wheel comes in two versions: the stamping type and solid bearing type. The selection principle depends on the tension of the chain and the radius of the horizontal curve. Our experienced staff can assist in choosing the right solutions for all applications.

The drive unit of an overhead-enclosed track conveyor line is placed where the maximum tension occurs at any point along the line. Generally, only one drive unit is needed for approximately every 100-120m. If the route becomes longer or more complicated, it is necessary to strategically place multiple drive units with a coaxial or a synchronous motor.

Take-Up Device

The function of this device is to adjust and maintain proper tension of the chain as the chain links elongate. As operating temperatures fluctuate, the over-all tension of the chain gradually degrades due to "thermal expansion and contraction". Take-Up devices counteract this to maintain smooth movement. Take-Up devices are available with counter-weight and spring-operated tension adjustment options. The device consists of a moveable frame, a fixed support frame, pulleys, rollers, a counter-weight, and expansion joints. The device is generally set on the conveyor line where the tension is the smallest, for example, the closest curved section behind the drive unit.

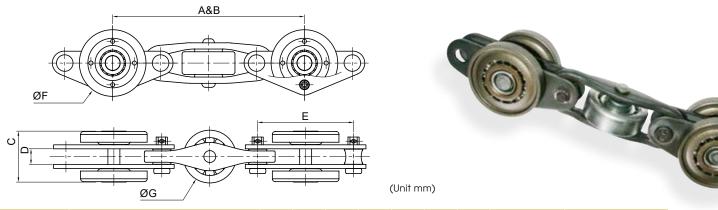
Conveyor **Accessories**

Oil Cup / Water Jet Nozzles / Automatic Lubricators / Flanges (Steel, Rubber, Teflon) / Inspection & Maintenance Tracks / Upward & Downward Vertical Curves / Various type Hangers / Pendants: Y-type Hanger, Swivel Cross Hanger, and U-type Hange

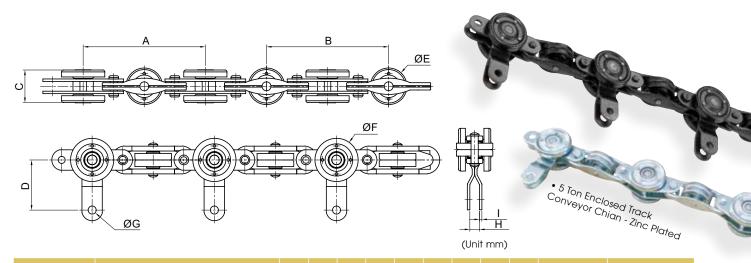
5 Ton Enclosed Track Conveyor Chains

HW = Horizontal Wheel VW = Vertical Wheel HVW = Horizontal & Vertical Wheel

5 Ton Enclosed Track Conveyor Chain: Load Wheel Capacity <50kg / Chain Pitch = 150mm / Tensile Strength =5000kgf The 5 Ton chain is currently the most commonly used enclosed track conveyor chain system. The structure is simple and light, steering is flexible, and it has the characteristics of a small chain pitch. It is a compact system that can be used with horizontal tracks of smaller diameters and within limited turning spaces. This enables a more compact design of the conveyor line and improves utilization of factory space. This system is widely used in various applications, such as the bicycle, furniture, metal processing, painting and other industries.



Item NO.	Description	А	В		D		F	G	Load Capacity (kg)	Min. Ultimate Tensile Strength (kgf)
5013122016	5 Ton Enclosed Track Conveyor Chain	150	150	40	12.5	75	52.8	45	50	5000
5013122026	5 Ton Enclosed Track Conveyor Chain (HW Solid Bearing)	150	150	40	12	75	52.8	45	50	5000
5013122015	5 Ton Enclosed Track Conveyor Chain (HVW Solid Bearing)	150	150	40	12	75	52	45	50	5000
5013121003	5 Ton US Enclosed Track Convyeor Chain (HW Solid Bearing)	152.4	152.4	40.5	12.45	76.2	54.2	42	50	5000
5013122011	5 Ton US Enclosed Track Conveyor Chain (HVW Solid Beairng)	152.4	152.4	40.5	12.45	76.2	54.2	42	50	5000



Item NO.	Description		В								Load Capacity (kg)	Min. Ultimate Tensile Strength (kgf)
5013122027	5 Ton Enclosed Track Conveyor Chain (HVW Stamping Bearing)	150	150	41	61.5	44.5	52.8	10	12	3.2	50	5000
5013121002	5 Ton Enclosed Track Chain with Hanger (HW Solid Bearing)	150	150	40	61.5	45	52.8	10	18	3	50	5000
5013122028	5 Ton Enclosed Track Conveyor Chain with Hanger (HVW Solid Bearing)	150	150	41	61.5	45	52	10	12	3.2	50	5000

5 Ton Enclosed Track Conveyor Equipment

Item NO.	Description	Picture	Item NO.	Description	Picture
5011101101	5 Ton Straight Track		601290007	5 Ton Automatic Lubricator	
5011204701	5 Ton Horizontal Curve R600mm / D180		5013122007	5 Ton Flange	
5011404701	5 Ton Vertical Curve Up R600mm / D180		5011101111	5 Ton Maintenance Track	
5011504701	5 Ton Vertical Curve Down R600mm / D180		50610320009	5 Ton Expansion Tube	
601221204	5 Ton Drive Device	A STATE OF THE PARTY OF THE PAR	5013122002	5 Ton Caterpillar Drive Chain (Downward)	
601220005	5 Ton Take-Up Device R600mm (Spring Type)		50610320006	5 Ton Caterpillar Drive Chain Sprocket (8 Teeth)	



• 5 Ton Take-Up Device R600mm (Counter Weight)



• 5 Ton Take-Up Device - Hot Dip Galvanized



• 5 Ton Enclosed Track Vertical Bend - Hot Dip Galvanized



• 5 Ton Enclosed Track Horizontal Curves - Hot Dip Galvanized



• 5 Ton Drive Device - Hot Dip Galvanized



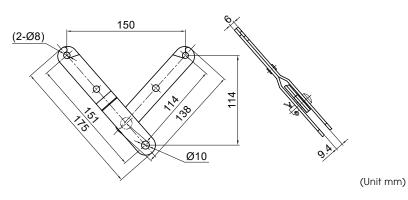
• 5 Ton Caterpillar Drive with Motor and Reducer

5 Ton Enclosed Track Chain First Penant

• 5 Ton Y-Type Hanger (PIN Excluded)

Item NO. 5013122025

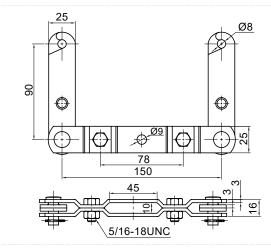




• 5 Ton U-Type Hanger Item NO. 50610320011

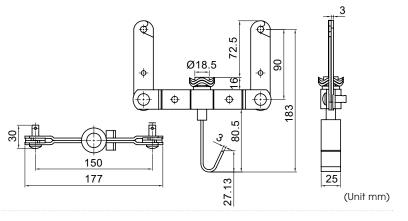






(Unit mm)

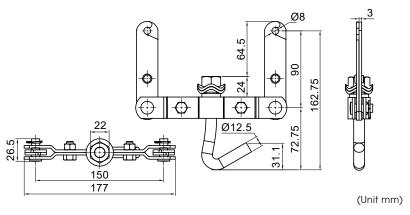
• 5 Ton U-Type Hanger with Flat Hook Item NO. 5013122013



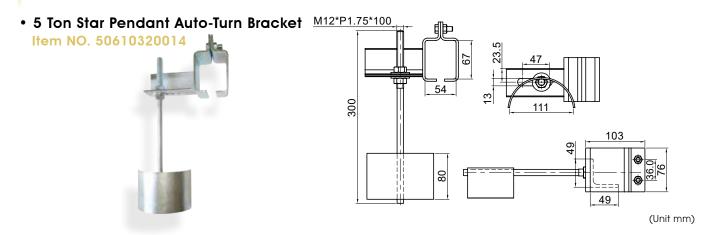
• 5 Ton U-Type Hanger with Round Hook

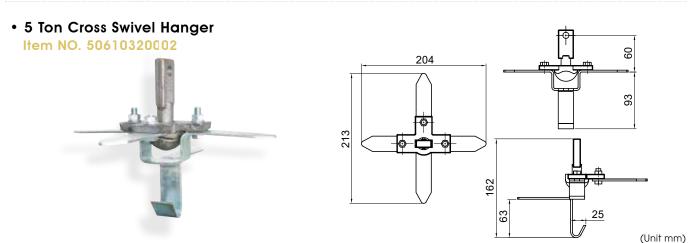
Item NO. 5013122022





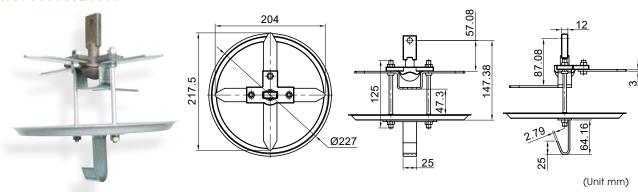
5 Ton Enclosed Track Chain Second Penant

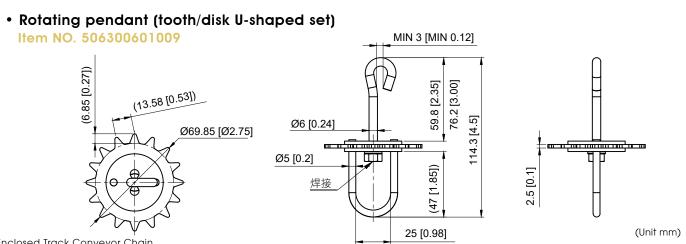




• Rotating Star Pendant with Plate 227mm (Flat)

Item NO. 50610320017





① Rotating Star Pendant with Plate 227mm (Round)

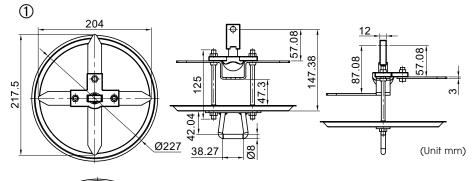
Item NO. 50610320016

2 Rotating Star Pendant with Plate 350mm (Round)

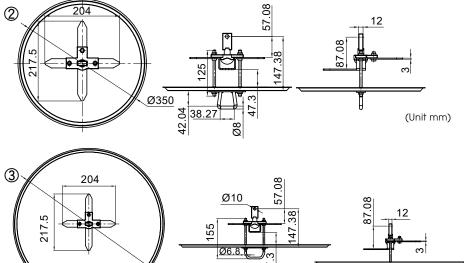
Item NO. 50610320025

3 Rotating Star Pendant with Plate 580mm (Round)

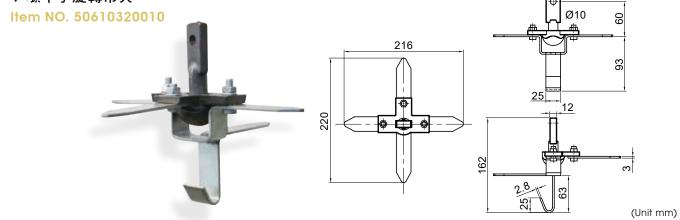
Item NO. 50610320024

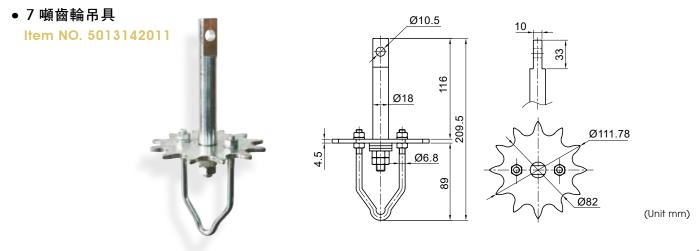






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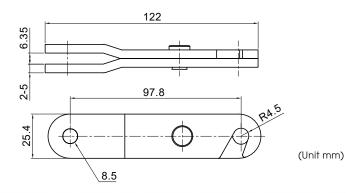


OEM 5 Ton Enclosed Track Chain Pendant & Accessory

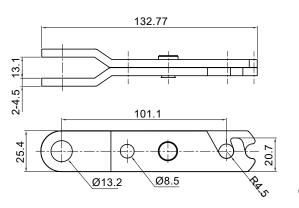
For OEM products please check availability before placing orders.

• Standard Clevis Pendant



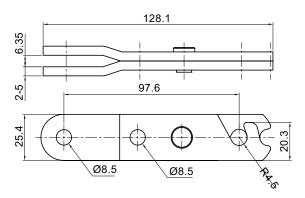


• Rigid Clevis Pendant Item NO. 50610010007 . . .



(Unit mm)

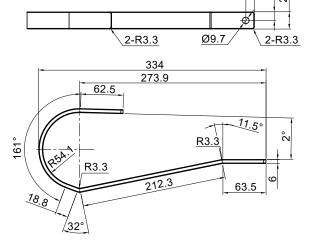




(Unit mm)

• UPS J-Hook (13.16") Item NO. 50630060003



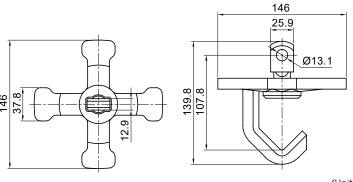


12.7

• Rotating Star Pendant-Casting

Item NO. 50610010023



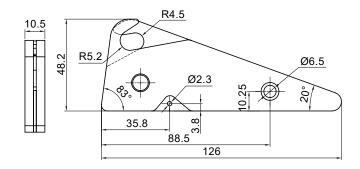


(Unit mm)

• Holdback Dog Pendant

Item NO. 50610010006



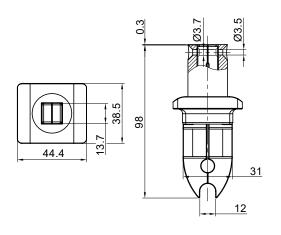


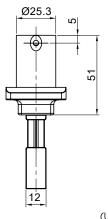
(Unit mm)

• 3 Piece Inverted Pendant

Item NO. 50610010019





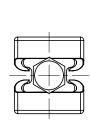


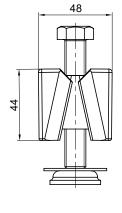
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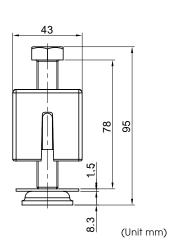
• Track Welding Jig

Item NO. 50610010020









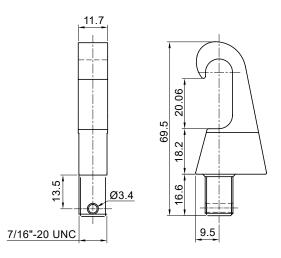
OEM 5 Ton Enclosed Track Chain Pendant & Accessory

For OEM products please check availibility before placing orders.

• J-Hook

Item NO. 50610010002



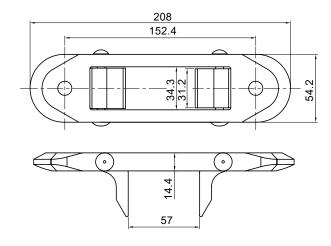


(Unit mm)

• Side X Side Pusher Dog

Item NO. 50610010003



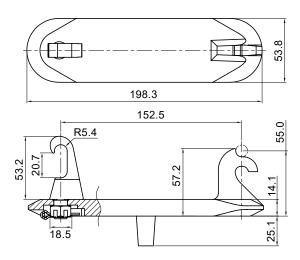


(Unit mm)

• Over / Under Pusher Dog

Item NO. 50610010004

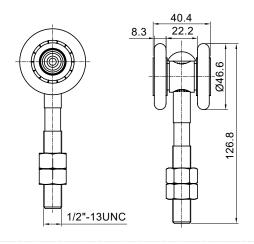




• 2 Wheel Trolley Assembly)

Item NO. 50610010005



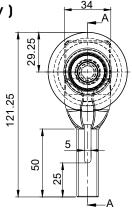


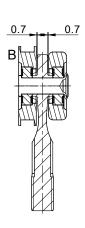
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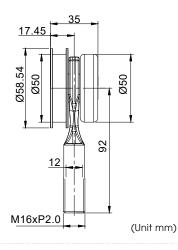
• OEM 2 Wheel Trolley Assembly)

Item NO. 506505201000





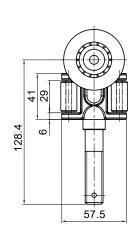


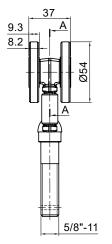


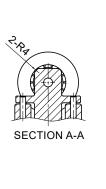
• 2 Wheel Carrier

Item NO. 50630060006







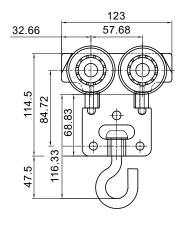


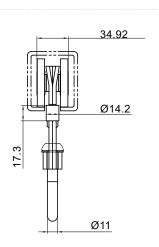
(Unit mm)

• 4 Wheel Trolley

Item NO. 50610010011

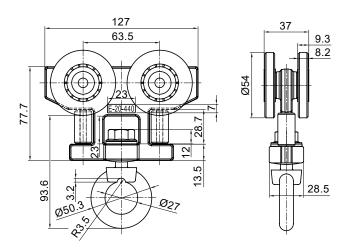






• 4 Wheel Carrier Item NO. 50630060007

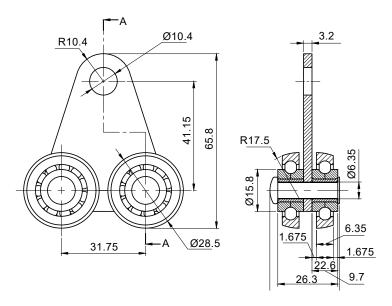




• OEM Rave Door Trolley (3/8" Hole)

品號 504303701000



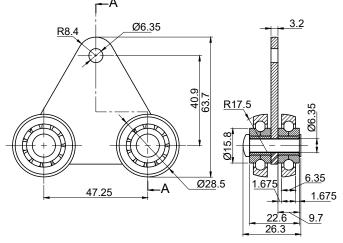


(Unit mm)

(Unit mm)

• OEM Rave Door Trolley (1/4" Hole) 品號 504303701001

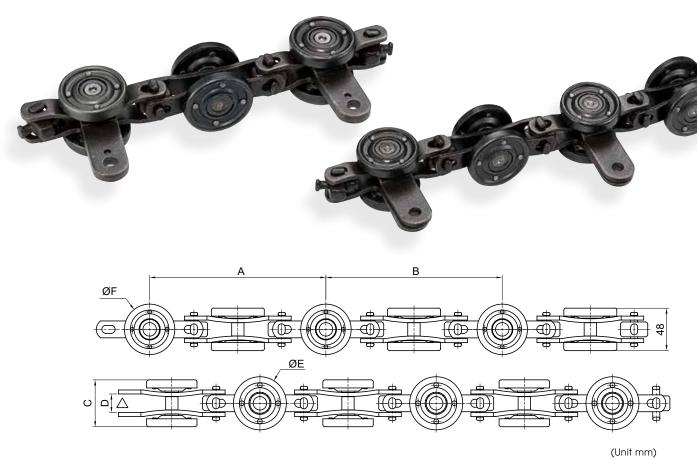




7 Ton Enclosed Track Conveyor Chains

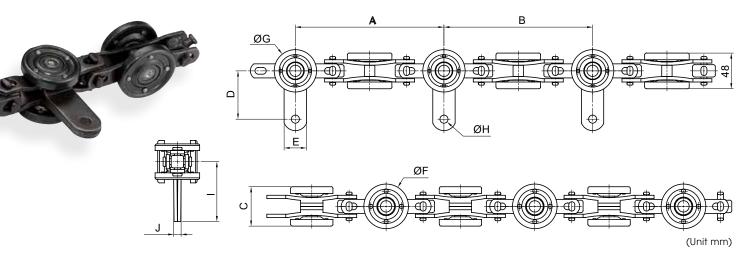
HW = Horizontal Wheel VW = Vertical Wheel HVW = Horizontal & Vertical Wheel

7 Ton Enclosed Track Conveyor Chain: Load Wheel Capacity <70kg / Chain Pitch = 200mm / Tensile Strength =7000kgf This is a commonly used heavy-duty enclosed track conveyor chain. This smart-design system utilizes a two-wheel loaddispersing configuration to actively reduce the load on any given bearing. Using a horizontal and vertical wheel, the two-wheel design can evenly bear the tension from the chain while negotiating the curves of any track. This also enhances the longevity of the track, which allows for smooth operations. The design of the chain is precise and the structure is simple. The cross joints are alloy steel forged and are harmoniously assembled and interlocked with the chain links without the use of added fittings, such as Cotter Pins. This eliminates the danger of any connecting parts coming loose and falling. Both the horizontal and vertical wheels use specially designed bearings for performance. The chain itself is made of carbon steel and heat treated to achieve flexible steering, strong tensile strength and greater load capacity.

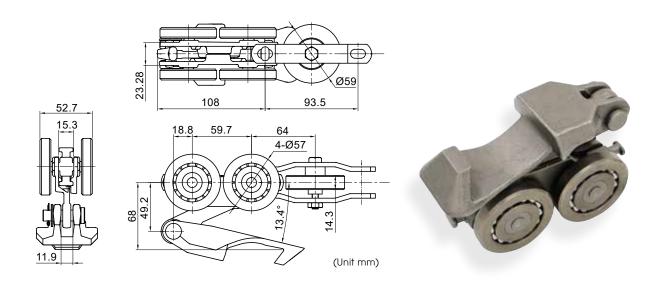


Item NO.	Description	А	В	С	D	Е	F	Load Capacity (kg)	Min. Ultimate Tensile Strength (kgf)
5013142014	7 Ton Enclosed Track Conveyor Chain	200	200	48	21	60	57	70	7000
5013142020	7 Ton Enclosed Track Conveyor Chain (HW Solid Bearing)	200	200	53	21	60	57	70	7000
5013142018	7 Ton Enclosed Track Convyeor Chain (HVW Solid Bearing)	200	200	48	21	60	57	70	7000

7 Ton Enclosed Track Conveyor Chains



Item NO.	Description	А	В	С	D	Е	F	G	Н	T	J	Load Capacity (kg)	Min. Ultimate Tensile Strength (kgf)
5013142007	7 Ton Enclosed Track Conveyor Chain with Hanger	200	200	48	65	30	60	57	10.5	80.5	10	70	7000
5013142021	7 Ton Enclosed Track Conveyor Chain with Hanger (HW Solid Bearing)	200	200	53	65	30	60	57	11	109	10	70	7000
5013142009	7 Ton Enclosed Track Conveyor Chain with Hanger (HVW Solid Bearing)	200	200	48	65	30	60	57	10.5	109	9	70	7000

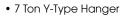


Item NO.	Description	Min. Ultimate Tensile Strength (kgf)
601414001	7 Ton Enclosed Track Convyeor Chain Pusher	7000

7 Ton Enclosed Track Conveyor Equipment

Item NO.	Description	Picture	Item NO.	Description	Picture
5011101102	7 Ton Straight Track		601230002	7 Ton Enclosed Track Drive Device P200 (Upward)	2.833
5011205701	7 Ton Horizontal Curve R700mm / D180		5014310002	7 Ton Caterpillar Drive Chain 11T P200 (Upward)	
5011404702	7 Ton Vertical Curve Up R600mm / D180		601230005	7 Ton Take-Up Device R750mm (Upward / Spring Type)	
5011504702	7 Ton Vertical Curve Down R600mm / D180		601290002	7 Ton Automatic Lubricator (Upward)	
601240001	7 Ton Drive Device P200 (Downward)		5013142006	7 Ton Flange	
5013142005	7 Ton Caterpillar Drive Chain 11T P200 (Downward)	St. A. A. A.	5011406102	7 Ton Maintenance Track	
601240009	7 Ton Take-Up Device R750mm (Downward / Spring Type)		5011601101	7 Ton Expansion Tube	
601290006	7 Ton Automatic Lubricator (Downward)	9::	50610320029	7 Ton U-Type Hanger	







• Take-Up Device Cable Set

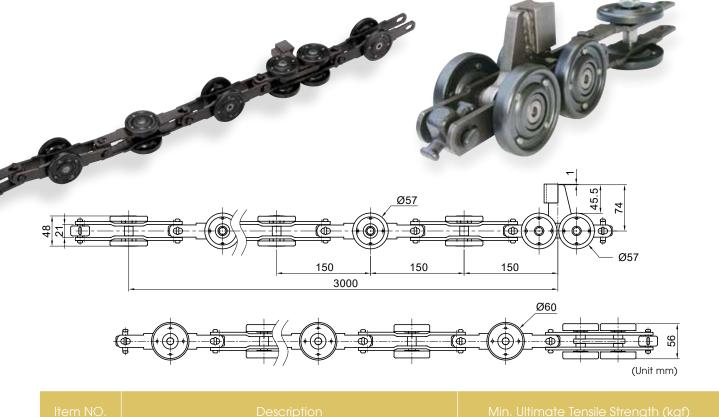


• Take-Up Device (Spring Type)



• 7 Ton Enclosed Track Conveyor Chain with Track

7 Ton Enclosed Track Floor Conveyor Chain



	Description	Min. Ultimate Tensile Strength (kgf)
6014151002	7 Ton Enclosed Track Conveyor Chain Floor Type P300	7000

7 Ton Enclosed Track Floor Conveyor Equipment

Item NO.	Description	Picture	Item NO.	Description	Picture
601250001	7 Ton Floor Type Pusher (P150)		601250002	7 Ton Floor Type Drive Device P300 (Upward)	
5011101113	7 Ton Floor Type Track H132mm		601250005	7 Ton Floor Type Drive Chain P300 (Upward)	
5011101114	7 Ton Floor Type Track H110mm				

• 7 Ton Enclosed Track Conveyor Chain - Floor Type

DROP FORGED RIVETLESS CHAINS

The Drop Forged Rivetless Chain processing includes hot & cold forging, punching, and fine chain-pitch machining. Advanced heat treatment processes are applied to improve steel hardness, strength and toughness. This further increases resistances against wear and tear, corrosion, impact and load stress.

We incorporate a variety of steel materials and refined processing techniques to minimize chain elongation and extend the products lifespan. All of our chains can be customized to suit the customers requirements. Available options for material include:

- -SAE1045 (medium carbon steel)
- -SAE4140 (chromium molybdenum alloy steel)
- -SAE1552 (medium carbon high manganese steel)
- -SNCM240 (nickel chromium molybdenum alloy steel)
- -SUS304 (heat-resistant stainless steel)

The Drop Forged Rivetless Chain is suitable for various industries such as automobile, electronics, household appliances, light industry, food processing, chemical and other assembly line operations.

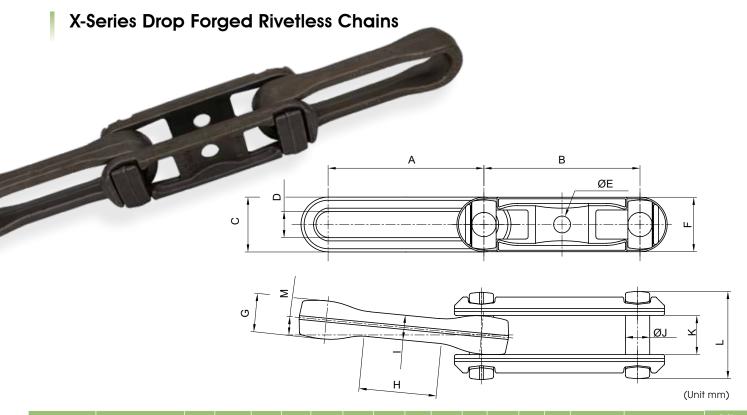
This type of chain can be utilized for pre-treatment cleaning, spray-painting, product assembly, testing, packaging and other process productions during the conveying process. The conveyor system can operate continuously in areas that are hazardous to workers and that are difficult to execute production processes in. These hazardous areas include harmful gas zones, painting areas, high temperature drying ovens, and operations in sub-zero temperatures. This assists in the improvement of working conditions for employees.

Our conveyor chain systems have low power consumption, low noise pollution, and provide smooth operations and maintenance within a safety-focused environment.

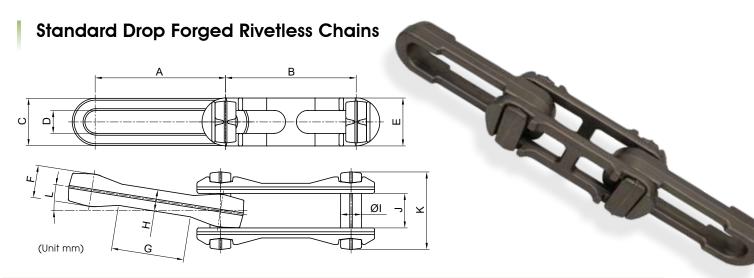
Surface Treatments

We also offer a variety of surface treatments, including anti-rust oil, white & yellow zinc plating, mechanical galvanizing, hot-dip galvanizing, blackening and pickling.

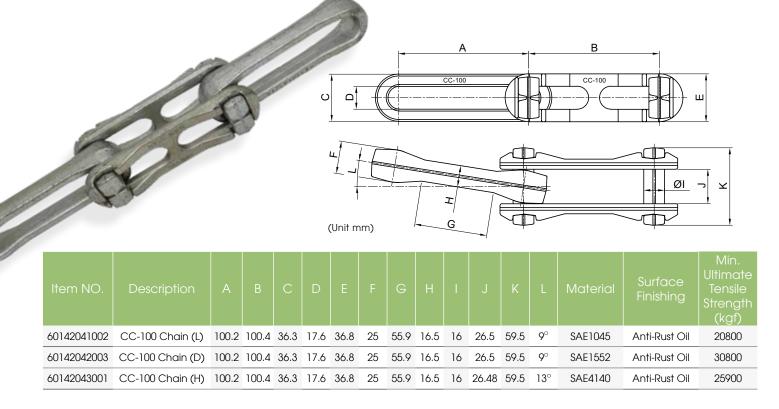




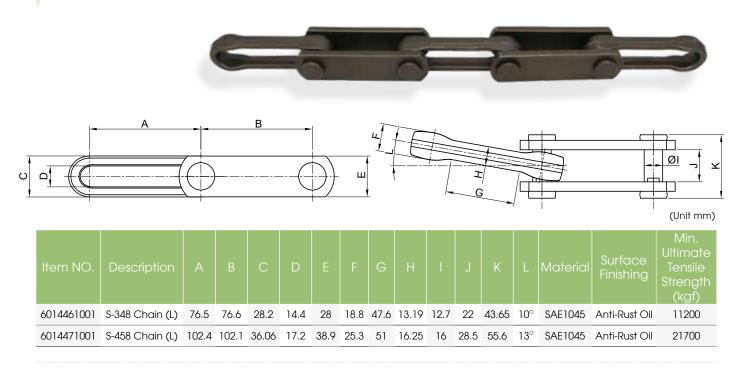
Item NO.	Description		В	С	D		F	G	Н		J		L	М	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
60142011001	X-228 Chain (L)	50.75	50.8	18.15	8.1	6.45	17.85	11.2	29.8	8.65	6.45	12.2	27.9	13°	SAE1045	Anti-Rust Oil	2820
60142021007	X-348 Chain (L)	76.5	76.55	28.2	14.4	9.49	27.88	18.8	47.6	13.19	12.8	19.1	44.6	8°	SAE1045	Anti-Rust Oil	15000
60142022002	X-348 Chain (D)	76.5	76.55	28.2	14.4	9.49	27.88	18.8	47.6	13.19	12.8	19.1	44.6	4°	SAE1552	Anti-Rust Oil	15800
60142023001	X-348 Chain (H)	76.5	76.55	28.2	14.4	9.49	27.88	18.8	47.6	13.19	12.8	19.1	44.6	8°	SAE4140	Anti-Rust Oil	15200
60142024002	X-348 Chain (C)	76.5	76.55	28.2	14.4	9.49	27.88	18.8	47.6	13.19	12.8	19.1	44.6	4°	SNCM240	Anti-Rust Oil	16700
60142025001	X-348 Chain (A)	76.5	76.55	28.2	14.4	9.49	27.88	18.8	47.6	13.19	12.8	19.1	44.6	8°	SUS304	Acid Washing	8230
60142027001	X-348 Chain (R/P)	76.5	76.55	28.2	14.4	9.49	27.88	18.8	47.6	13.19	12.8	19.1	44.6	8°	SUS420J2	Electropolishing	15000
60142031009	X-458 Chain (L)	102.4	102.55	36.06	17.25	11.15	35.81	25.3	51	16.25	16	25.6	57.4	10°	SAE1045	Anti-Rust Oil	19600
60142032002	X-458 Chain (D)	102.4	102.55	36.06	17.25	11.15	35.81	25.3	51	16.25	16	25.6	57.4	5.5°	SAE1552	Anti-Rust Oil	24200
60142033001	X-458 Chain (H)	102.4	102.55	36.06	17.2	11.15	35.81	25.3	51	16.25	16	25.6	57.4	10°	SAE4140	Anti-Rust Oil	25400
60142034003	X-458 Chain (C)	102.4	102.55	36.06	17.2	11.15	35.81	25.3	51	16.25	16	26.25	57.4	10°	SNCM240	Anti-Rust Oil	25600
60142035001	X-458 Chain (A)	102.4	102.55	36.06	17.2	11.15	35.81	25.3	51	16.25	16	25.6	57.4	10°	SUS304	Acid Washing	12800
60142037001	X-458 Chain (R/P)	102.4	102.55	36.06	17.2	11.15	35.81	25.3	51	16.25	16	25.6	57.4	10°	SUS420J2	Electropolishing	22300
60142071002	X-100 Chain (L)	100	100	36	18	11.15	35.8	25.3	45	16.25	16	26.1	57.4	7°	SAE1045	Anti-Rust Oil	21600
60142074002	X-100 Chain C)	100	100	36	18	11.15	35.8	25.29	51	16.25	16	26.1	57.4	9 °	SNCM240	Anti-Rust Oil	23600
60142131002	X-658 Chain (L)	153	153.25	36.06	17.25	11	35.7	25.3	45.1	16.25	16	26.2	57.4	6°	SAE1045	Anti-Rust Oil	24300
60142133001	X-658 Chain (H)	153	153.25	36.06	17.25	11	35.7	25.3	45.1	16.25	16	26.2	57.4	6°	SAE4140	Anti-Rust Oil	22000
60142134001	X-658 Chain (C)	153	153.25	36.06	17.25	11	35.7	25.3	45.1	16.25	16	26.25	57.4	6°	SNCM240	Anti-Rust Oil	22500
60142061005	X-678 Chain (L)	153.4	153.54	50.8	25.8	12.7	50.8	31.8	97.7	21	22.2	34.3	77	9°	SAE1045	Anti-Rust Oil	38000
60142062001	X-678 Chain (D)	153.4	153.54	50.8	25.8	12.7	50.8	31.8	97.7	21	22.2	34.3	77	9°	SAE1552	Anti-Rust Oil	31600
60142063001	X-678 Chain (H)	153.4	153.54	50.8	25.8	12.7	50.8	31.8	97.7	21	22.2	34.3	77	9°	SAE4140	Anti-Rust Oil	47100
60142064003	X-678 Chain (C)	153.4	153.54	50.8	25.8	12.7	50.8	31.8	97.7	21	22.2	34.3	77	9 °	SNCM240	Anti-Rust Oil	55100
60142065001	X-678 Chain (A)	153.4	153.54	50.8	25.8	12.7	50.8	31.8	97.7	21	22.2	34.3	77	9 °	SUS304	Acid Washing	27800



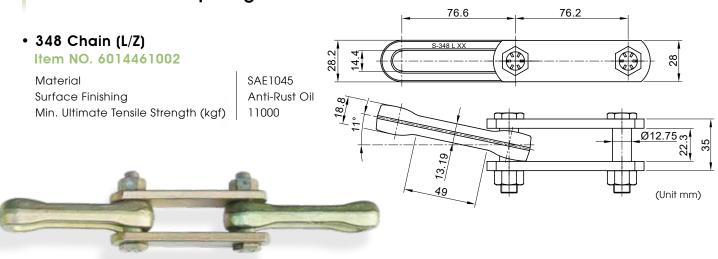
Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	J	K	L	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
60142011002	248 Chain (L)	51.1	51.1	27.9	14.4	27.9	17.8	26.48	13	12.8	18.9	44.6	14°	SAE1045	Anti-Rust Oil	9800
60142051003	80 Chain (L)	80	80	29	14.5	29	20	30.6	12	13	20	48	6.5°	SAE1045	Anti-Rust Oil	15500
60142111001	468 Chain (L/Pin H)	102.9	102.4	47.9	22.3	47.9	40.8	51.7	29.2	19	42.1	84.4	5°	SAE1045	Anti-Rust Oil	41700
6014544007	160 Chain (L)	160	160	50.8	25.4	50.8	32.5	88	20.5	22.2	34	77	8°	SAE1045	Anti-Rust Oil	36400
6014544006	160 Chain (H)	160	160	50.8	25.4	50.8	32.5	88	20.5	22.2	33.9	77	6°	SAE4140	Anti-Rust Oil	39400
6014544009	160 Chain (C)	160	160	50.8	25.4	50.8	32.5	88	20.5	22.2	33.9	77	6°	SNCM240	Anti-Rust Oil	40800
60142061006	P2-160 Chain (L)	160	160	56	28	56	38	84	22	24	41.39	88	8°	SAE1045	Anti-Rust Oil	43100
60142121001	698 Chain (L/Pin G)	153.47	153.47	64	32	65	39	87	25.4	28	40.6	95.55	4 °	SAE1045	Anti-Rust Oil	66900
60142123001	698 Chain (H)	153.47	153.47	64	32	65	39	87	25.4	28	40.6	95.55	4 °	SAE4140	Anti-Rust Oil	77800
60142141004	998 Chain (L)	230.4	230.3	67.3	32	67.5	39.2	160.63	25.5	28	41	95.55	4°	SAE1045	Anti-Rust Oil	63000
60142151001	9118 Chain (L)	232.15	229.75	76.5	38	74.7	49.65	166.65	33.3	34.25	50.93	124	3°	SAE1045	Anti-Rust Oil	74600

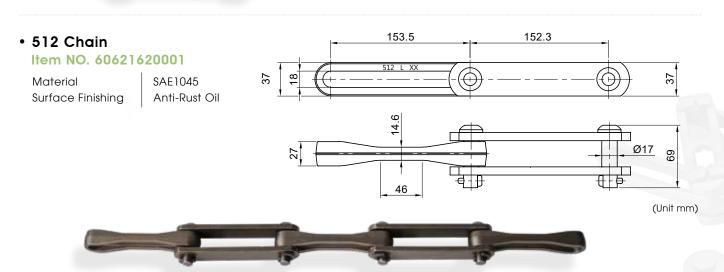


S-Series Drop Forged Rivetless Chains



Flat Bar Series Drop Forged Rivetless Chains





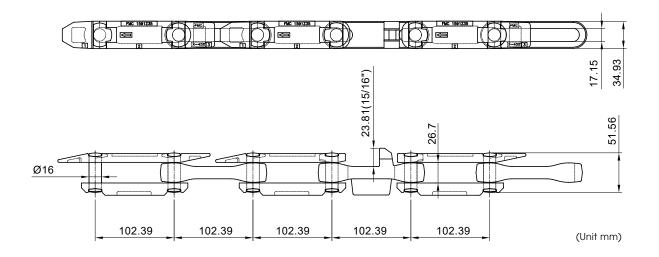
FMC Custom-Made Chains

• FMC Chain-Type A

Item NO. 60142141005

Material SAE1045 Surface Finishing Anti-Rust Oil Min. Ultimate Tensile Strength (kgf) 22000



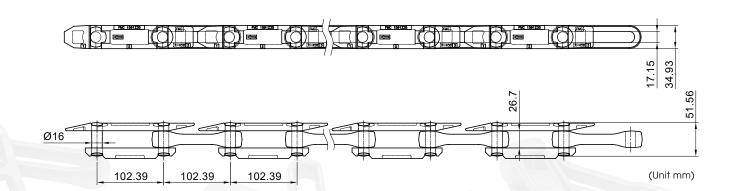


• FMC Chain-Type B

Item NO. 60142141002

Material Surface Finishing Min. Ultimate Tensile Strength (kgf) SAE1045 Anti-Rust Oil 22000



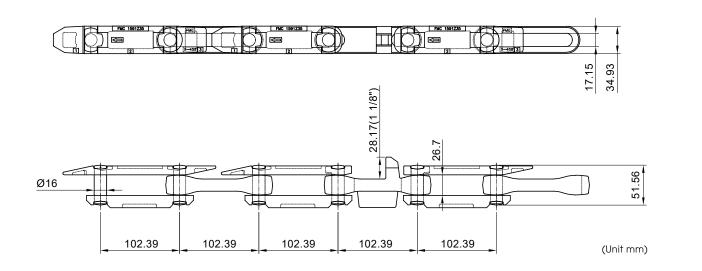


• FMC Chain-Type C

Item NO. 60142141003

Material SAE1045 Surface Finishing Anti-Rust Oil Min. Ultimate Tensile Strength (kgf) 22000

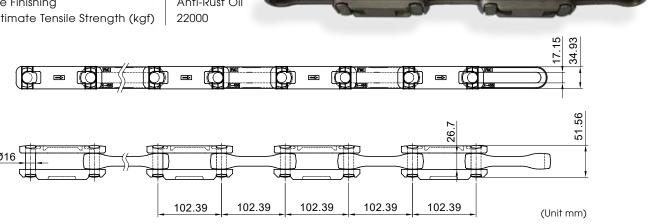




• FMC Chain-Type I

Item NO. 60142141006

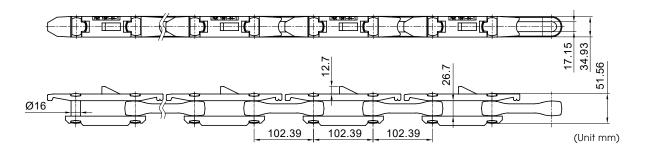
SAE1045 Material Anti-Rust Oil Surface Finishing Min. Ultimate Tensile Strength (kgf) 22000



• FMC Chain-Type M

Item NO. 60142141008

Material SAE1045 Surface Finishing Anti-Rust Oil Min. Ultimate Tensile Strength (kgf) 22000



Side Link Pusher with I Pins

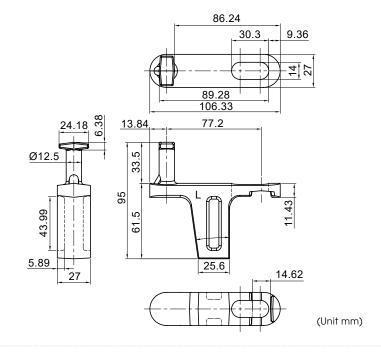
• X-348 Side Link Pusher with I Pin (L)

Item NO. 5013621004

Material Surface Finishing

SAE1045 Anti-Rust Oil



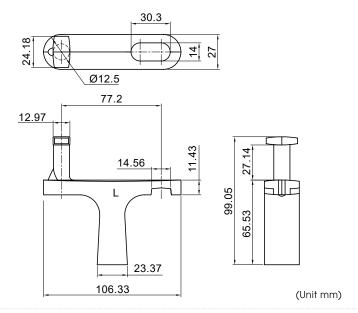


• X-348 Side Link Pusher with I Pin (L)

Item NO. 5014512001

Material SAE1045 Anti-Rust Oil Surface Finishing



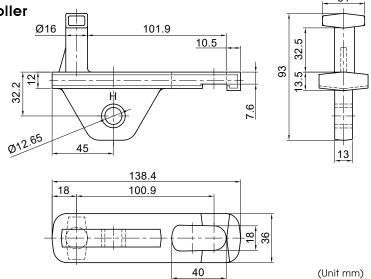


• X-458 Side Link Pusher Dog (H) with Roller

Item NO. 5013631013

SCM440 Material Surface Finishing Anti-Rust Oil



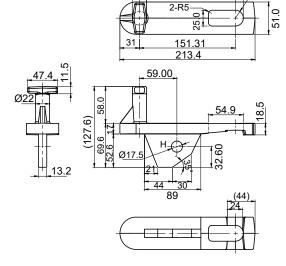


• X-678 Side Link Pusher Dog (H) with I Pin

Item NO. 5013641001

Material SAE4140 Surface Finishing Anti-Rust Oil





152.9

R12.5

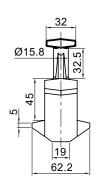
(Unit mm)

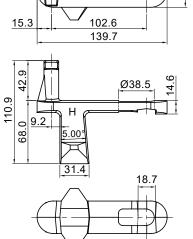
• X-458 Side Link Pusher with I Pin (H)

Item NO. 5013631002

SAE4140 Material Surface Finishing Anti-Rust Oil







102.7

(Unit mm)

R17.75

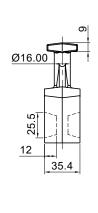
• X-458 Side Link Pusher with I Pin (H/T Pin)

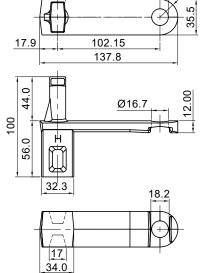
Item NO. 5013631003

SAE4140 Material Anti-Rust Oil Surface Finishing

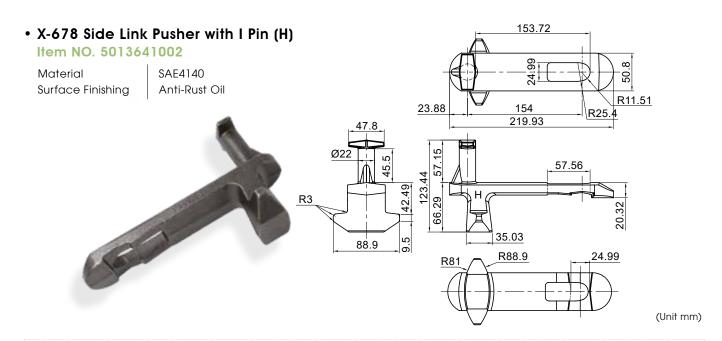


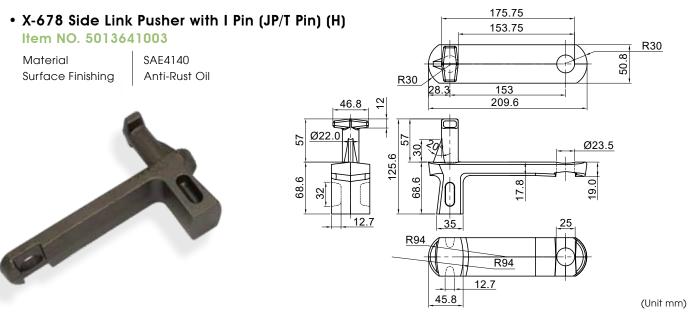


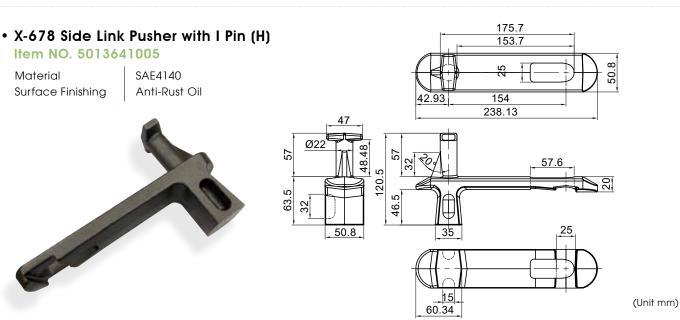




102.5



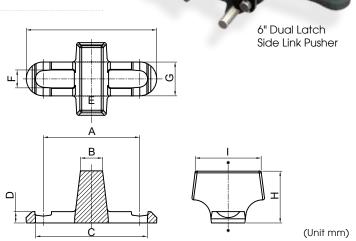




Side Link Pusher Dogs

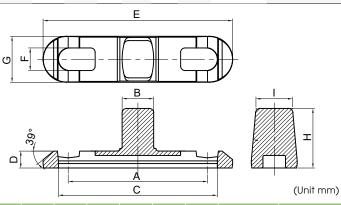
This product is a forged part used in Drop Forged Rivetless Chains. Its main function is to engage the Front Flopper Dog of the leading free trolley on the lower track of the Power and Free Conveyor System.





Item NO.	Description	А	В	С	D	Е	F	G	Н	1	Material	Surface Finishing
54013631005	X-458 Side Link Pusher (C)	101.9	31.7	118.3	12	138.1	17.1	34.9	50.8	34.9	SNCM240	Anti-Rust Oil
5013631020	X-458 Side Link Pusher (L)	100	34.1	117.5	12	135.5	19.8	36	63	36	SAE1045	Anti-Rust Oil
5013631023	X-458 Side Link Pusher (H)	102.1	23.5	118.4	12.07	138.1	19	35.8	54.9	69.86	SCM440	Anti-Rust Oil





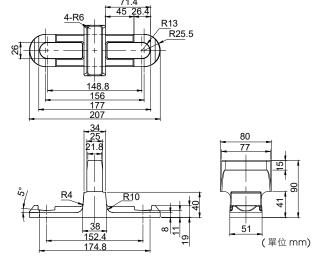
Item NO.	Description	А	В	С	D	Е	F	G	Н	I	Material	Surface Finishing
5013641006	X-678 Side Link Pusher (H)	154	38	175.7	18.7	209.6	25	50.8	90	60	SAE4140	Anti-Rust Oil
5013641007	X-678 Side Link Pusher (H)	154	34.9	175.6	18.7	209.6	25	50.8	65.9	40.39	SAE4140	Anti-Rust Oil
5013641008	X-678 Side Link Pusher (H)	154	34.9	175.6	18.7	209.6	25	50.8	65.9	40.39	SAE4140	Anti-Rust Oil

• X-678 Side Link Pusher Dog (H)

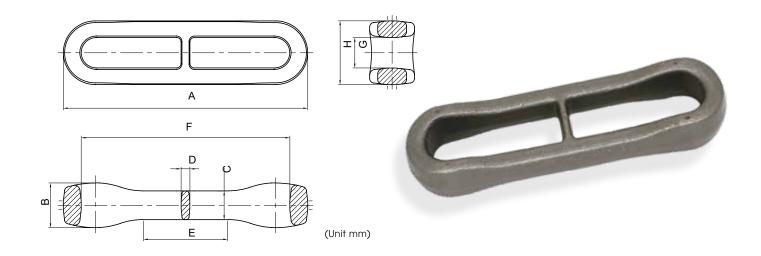
Item NO. 501320406008

Material SAE4140 Anti-Rust Oil Surface Finishing





Chain Center Links (Rib Type)



Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing
5013223011	TR-348 Chain Center Link Rib Type	105.34	19.7	13.19	4.4	50	88.95	14.39	27.87	SAE4140	Anti-Rust Oil
5013233014	TR-458 Chain Center Link Rib Type	138.2	25.3	16.25	5	47.6	118	17.25	36.06	SAE4140	Anti-Rust Oil
5013243008	TR-678 Chain Center Link Rib Type	201	32	21	6.3	85	175.4	24.6	50.8	SAE4140	Anti-Rust Oil
5013243027	TR-678 Chain Center Link Rib Type (153.6)	206.4	31.8	21	6.3	89	175.6	25.8	50.8	SAE4140	Anti-Rust Oil

Center Link Pusher Dogs

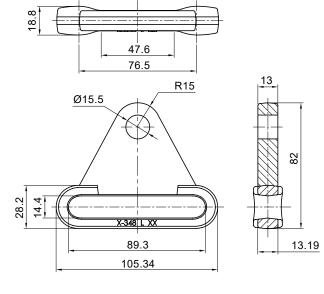
This product is a forged part with a pusher dog on one or both sides of the horizontal plane of the center link. The main function is to interact laterally with the conveyor system.

• X-348 Center Link Pusher Dog (Triangle) (L)

Item NO. 5013622002

Material SAE1045 Surface Finishing Anti-Rust Oil



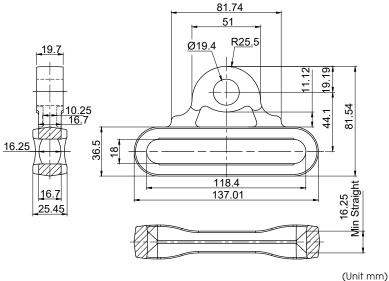


• X-458 Center Link Pusher (L)

Item NO. 501320502002

Material SAE1045 Surface Finishing Anti-Rust Oil



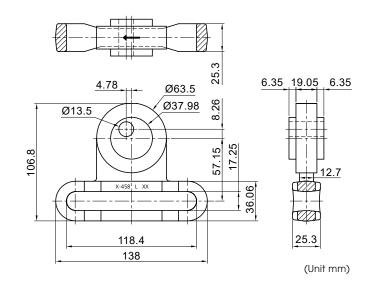


• X-458 Center Link Pusher (L)

Item NO. 501738002

Material SAE1045 Surface Finishing Anti-Rust Oil



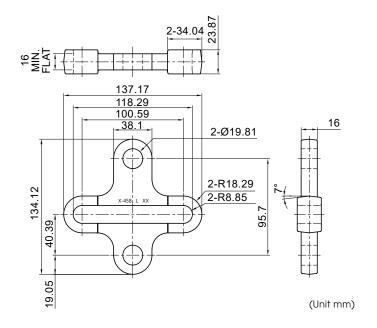


• X-458 Center Link Pusher (L)

Item NO. 5013632002

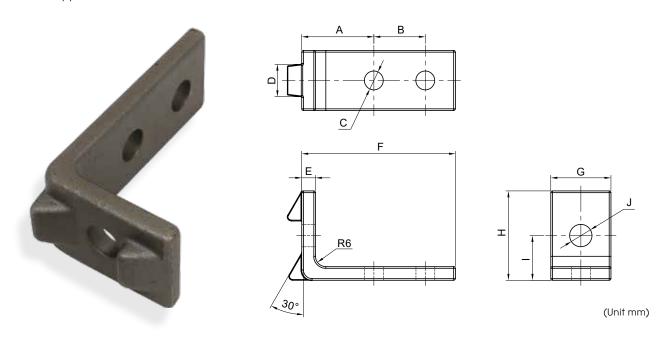
Material SAE1045 Surface Finishing Anti-Rust Oil



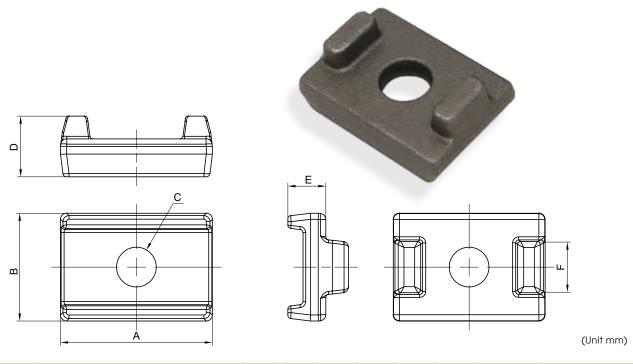


Type \$ Chain Attachments

This series of forged or casted parts are mounted on the center link of the rivetless conveyor chain, adding a variety of different functions and applications to the center link.

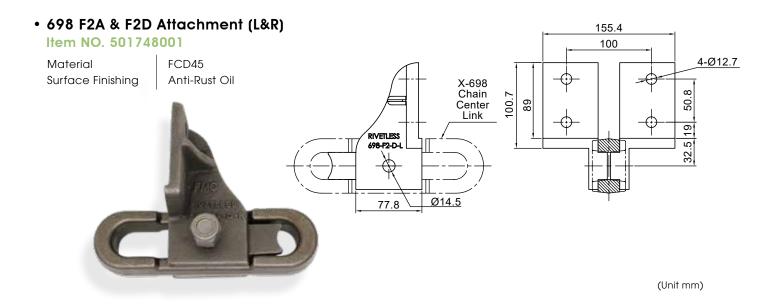


Item NO.	Description	А	В	С	D	Е	F	G	Н	I	J	Material	Surface Finishing
501727004	X-348 S Attachment Angle Plate	37	26	11	15.65	7	80	26	36.7	20.5	11	SAE1045	Anti-Rust Oil
501737003	X-458 S Attachment Angle Plate	42	30	11	19	8	89.5	35	52.1	26.05	13	SAE1045	Anti-Rust Oil



Item NO.	Description		В		D			 Material	Surface Finishing
501727002	X-348 S Attachment Counter Plate	36	26.7	11	12	6.8	15.2	SAE1045	Anti-Rust Oil
501737004	X-458 S Attachment Counter Plate	50	35.5	13.1	20	12.5	16.5	SAE1045	Anti-Rust Oil

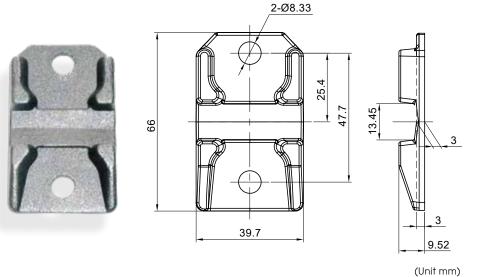
Type F Chain Attachments 87.9 2-Ø16 • X-678 \$22 Attachment Item NO. 501737005 SAE1045 Material 120.7 46 Anti-Rust Oil Surface Finishing 7.6 2-Ø17.3 Ŋ 57 X-678 Chain Center Ŋ Link 7. (Unit mm)



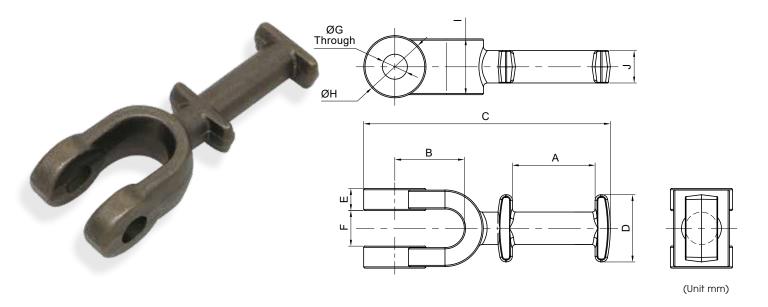
Chain Attachments

• X-348 37H Attachment Item NO. 5013622001

Material Surface Finishing SAE1045 Yellow Zinc Plated

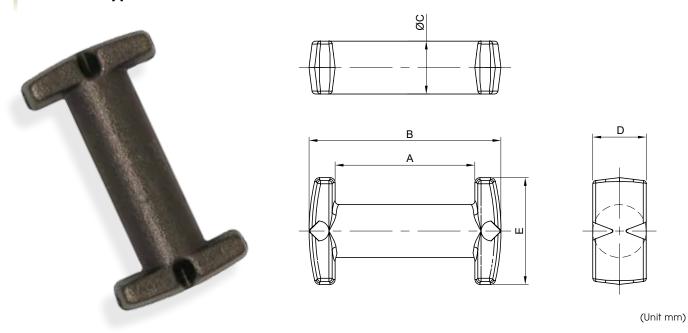


Clevis Pins



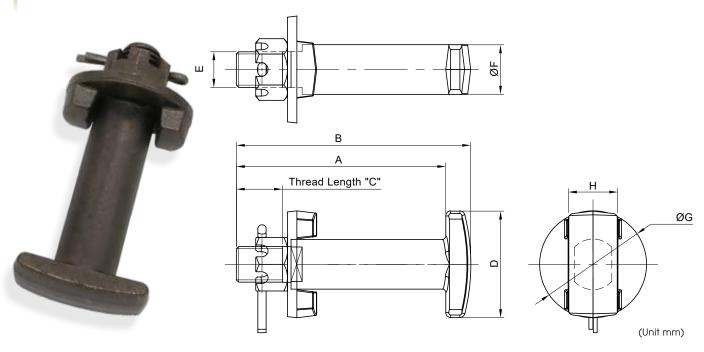
Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	J	Material	Surface Finishing
5013623001	X-348 Clevis Pin (A)	32.6	27.4	97.15	26.5	8.7	14	9.9	24.5	22	12.8	SUS304	Acid Washing
5013633003	X-348 Clevis Pin (H)	32.6	27.4	97.15	26.5	8.7	14	9.9	24.5	22	12.8	SCM440	Zinc Plated
5013633002	X-458 Clevis Pin (H)	41.8	35.15	124.65	32.35	11.15	18	12.7	31.4	28.2	16	SCM440	Zinc Plated
5013643013	X-678 Clevis Pin (H)	57.35	48.2	170.18	47.6	15.3	24.65	43.1	17.4	38.7	22.2	SCM440	Zinc Plated

Groove-Typed I Pins



Item NO.	Description		В	С	D	Е	Material	Surface Finishing
5013221010	X-348 Pin (Groove Type) (L)	32.6	44.6	12.8	12.8	26.5	SAE1045	Anti-Rust Oil
5013231016	X-458 Pin (Groove Type) (L)	41.8	57.4	16	16	32.35	SAE1045	Anti-Rust Oil
5013243026	X-678 Pin (Groove Type) (H)	57.35	77	22.2	22.2	47.6	SCM440	Anti-Rust Oil

Master Pins



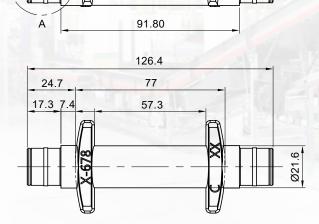
Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing
5013221007	X-348 Master Pin Kit (M10) (L)	56.3	62.3	14	25.4	M10*P1.5	12.5	26.5	12.5	SAE1045	Anti-Rust Oil
5013643005	X-348 Master Pin Kit (3/8") (H)	56.3	62.3	14	25.4	3/8 - 16UNC	12.5	26.5	12.5	SAE4140	Anti-Rust Oil
5013633004	X-458 Master Pin Kit (M16) (L)	74.45	81.5	34	30.2	M16*P2.0	16	34.2	16	SAE1045	Anti-Rust Oil
5013633001	X-458 Master Pin Kit (5/8") (L)	74.45	81.5	34	30.2	5/8 - 11UNC	16	34.2	16	SAE1045	Anti-Rust Oil
5013243015	X-678 Master Pin Kit (M16) (H)	93.7	103	23	47.3	M16*P2.0	22	47.7	22	SAE4140	Anti-Rust Oil
5013243021	X-678 Master Pin Kit (5/8") (H)	93.4	104.5	20.55	47.5	5/8 - 11UNC	22.2	47.7	22.2	SAE4140	Anti-Rust Oil

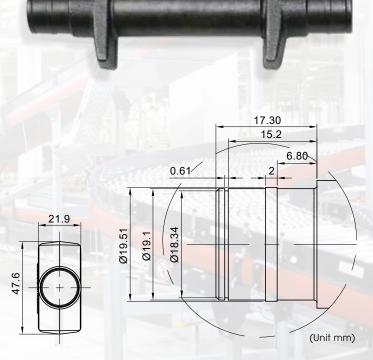
Double Extended Pin

• X-678 Double Extended Pin (C)

Item NO. 5013643008

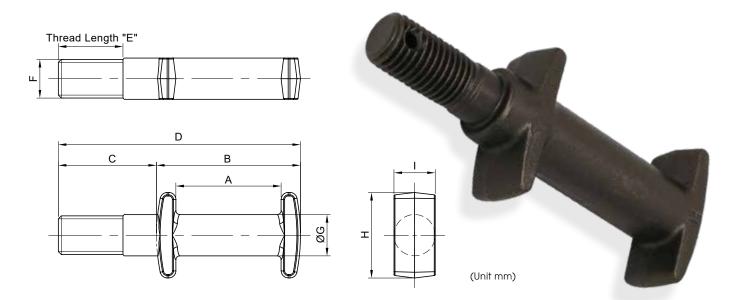
Material SNCM240 Surface Finishing Anti-Rust Oil





Extended Pins

This product is a forged part. Its function is to connect the side link and the center link to form a chain strand. It can also be combined with different types of trolleys, hangers, and pusher dog extensions to provide alternative conveying functions.



Item NO.	Description	А	В	С	D	Е	F	G	Н	1	Material	Surface Finishing
5013221011	X-348 Extended Pin M12 (L)	32.6	44.6	30.4	75	20	M12*P1.75	12.8	26.5	12.8	SAE1045	Anti-Rust Oil
5013231019	X-458 Extended Pin 1/2" (L)	41.7	55.63	32.37	88	24	1/2 - 12UNC	16	31.75	16	SAE1045	Anti-Rust Oil
5013233023	X-458 Extended Pin 1/2" (H)	41.8	57.4	31.8	89.2	20.3	1/2 - 13UNC	16	32.3	16	SAE4140	Anti-Rust Oil
5013232008	X-458 Extended Pin M12 (D)	41.8	57.4	31.8	89.2	25	M12*P1.75	16	32.3	16	SAE1552	Anti-Rust Oil
5013233018	X-458 Extended Pin (H)	41.7	55.63	31.39	87.02	Х	Х	16	31.75	16	SAE4140	Anti-Rust Oil
5013235005	X-458 Extended Pin (F-14) (Z)	42	55.86	35.74	91.6	Х	Х	16	30.5	16	SCM435	Anti-Rust Oil
5013643006	X-678 Extended Pin 5/8" (C)	57.3	77	45.48	122.48	26.8	5/8 - 11UNC	21.9	47.6	21.9	SNCM240	Anti-Rust Oil
5013643007	X-678 Extended Pin 5/8" (H)	57.3	77	55.72	137.72	28	5/8 - 11UNC	21.9	47.6	21.9	SAE4140	Anti-Rust Oil
5013643012	X-678 Extended Pin 3/4" (H)	57.35	77	40.5	117.5	25.4	W 3/4 - 10	22.2	47.6	22.2	SAE4140	Anti-Rust Oil
5013643004	X-678 Extended Pin (H)	57.3	77	45	122	28	M16*2	21.9	47.6	21.9	SAE4140	Anti-Rust Oil
5013643002	X-678 Extended Pin M16 (C)	57.3	77	45	122	23	M16*P2.0	21.9	47.6	21.9	SNCM240	Anti-Rust Oil
5013643003	X-678 Extended Pin M20 (H)	57.35	76.99	40.5	117.49	25.4	M20*P2.5	22.2	47.6	22.2	SAE4140	Anti-Rust Oil
5013241009	698 Extended Pin 3/4" (L)	69.45	95.55	38.1	133.65	25.4	3/4 - 10UNC	28	63	28	SAE1045	Anti-Rust Oil

POWER TROLLEYS

The main function of the trolley is to support the weight of the chain, the hanger, the piece in work and other conveying equipment parts. Therefore, selecting the appropriate trolley is crucial at the design phase of setting up a conveyor. The main parts of a trolley are: bearings, forged brackets, and hangers.

Bearings

Both inner and outer rings are made of alloy steel. This steel combined with a hot and cold forging processing and precision machining provides a high quality durable product. They come in two options: Full Ball Complement Type and Retainer Type. The design includes grease fittings to ensure full lubrication and low friction on the ball bearings. The deepened ring raceways can withstand the impact load coming from any direction. The enlarged bearing clearance will stop the bearing from freezing up under thermal expansion conditions. The triple labyrinth seal design provides excellent protection from contaminants. We provide a variety of seal designs to match the customer's equipment environment.

Full Ball Complement Type (Standard)

The advantage of the full ball complement type is that it is easy to maintain. Because of the large surface contact area of each steel ball on the inner and outer rings of the bearing unit, it can endure high load capacities. This type of trolley wheel has no retainer or retaining ring and is the first-choice trolley wheel for use in applications where the components are prone to exposure to contaminants, dirt, grit, moisture, etc.

Retainer Type (Optional)

The advantage of the retainer design is the reduction of the bearing's steel balls colliding into each another during rotations. The durability and smoothness of the steel balls are enhanced, thereby ensuring a longer service life of the bearing unit.

Forged Brackets

Our forged brackets are forged from high-strength carbon steel. The brackets are divided into two types: Overhead and Inverted. The brackets are pulled along the track by the chain and they need to bear the resultant tension of the chain when the chain goes through horizontal and vertical turns. The brackets ensure the chain runs according to the designed track line. The strength of the brackets is crucial and will influence the service life of conveyor systems.

Hangers

The Hanger load must be directly below or above the trolleys, so that the vertical load does not affect the chain operation. If the load exceeds the maximum capacity of a single trolley assembly, a load bar is used to connect two trolley assemblies and equally distribute the load over the pair of trolleys. The load is suspended at the center of the load bar. We offer a wide variety of Hangers for customer to choose from.



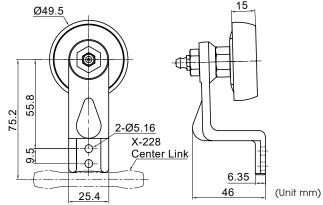
2" Overhead Power Trolleys

• X-228 Half Trolley 75.2 Drop

Item NO. 6013219AA1

Load Capacity Pair (kg)



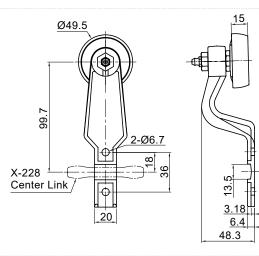


• X-228 Half Trolley 99.7 Drop

Item NO. 6013221AA1

Load Capacity Pair (kg)





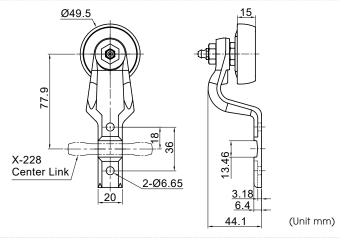
(Unit mm)

• X-228 Half Trolley 77.9 Drop

Item NO. 6013248AA1

Load Capacity Pair (kg)



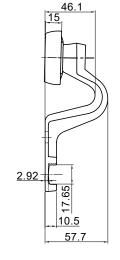


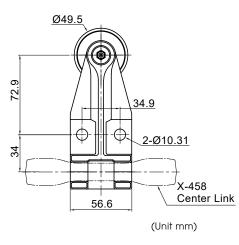
• 2"x4" Half Trolley 106.9 Drop Item NO. 6013307AA1

Load Capacity Pair (kg)

100







3" Overhead Power Trolleys

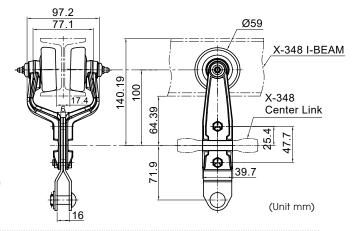
• X-348 Trolley with H Attachment 65.4 Drop

Item NO. 6013301AC7

Load Capacity Pair (kg)

150



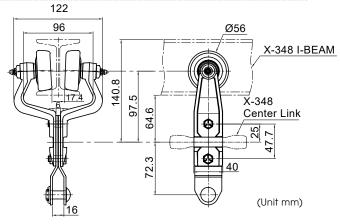


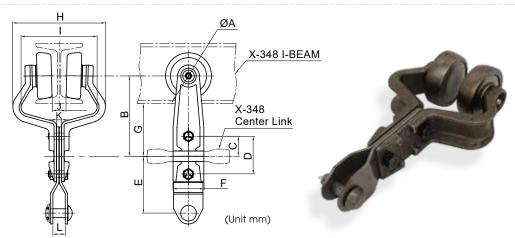
• X-348 Trolley with H Attachment 64.6 Drop Item NO. 6013310AC3

Load Capacity Pair (kg)

150

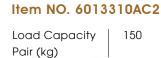






Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	J	K	L	Load Capacity Pair (kg)
6013306AC1	X-348 Trolley with H Attachment 66.8 Drop (59 Bearing)	59	101.8	25.4	47.7	71.9	39.7	66.8	116.8	96.2	17.4	6	16	150
6013306BC3	X-348 Trolley with H Attachment 68.3 Drop (56 Bearing)	56	101.8	25.4	47.7	71.9	39.7	68.3	116.8	96.2	17.4	6	16	150
6013306AC2	X-348 Trolley with H Attachment 69.3 Drop (54 Bearing)	54	101.8	25.4	47.7	71.9	39.7	69.3	116.8	96.2	17.4	6	16	150
6013302AC2	X-348 Trolley with H Attachment 64.1 Drop (59 Bearing)	59	99.3	25.4	47.6	71.9	39.9	64.1	102.6	78.9	17.4	6	16	150
6013303AC1	X-348 Trolley with H Attachment 64.4 Drop (56 Bearing)	56	98.1	25.53	47.63	71.7	39.88	64.4	121.4	98.2	17.4	6	16	150
6013310AC1	X-348 Trolley with H Attachment 66.8 Drop (56 Bearing)	56	100	25.4	47.7	71.9	40	66.8	105.3	79.8	17.4	6	16	150

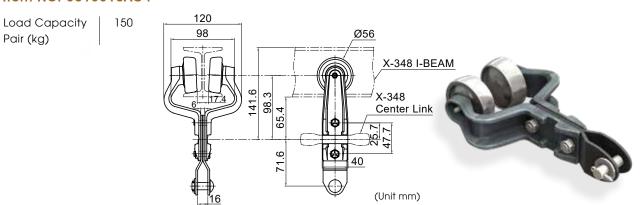
• X-348 Trolley with H Attachmnet 62.4 Drop





• X-348 Trolley with H Attachment 65.4 Drop

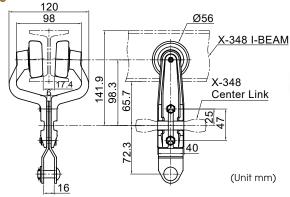
Item NO. 6013310AC4



• X-348 Trolley with H Attachment 65.7 Drop



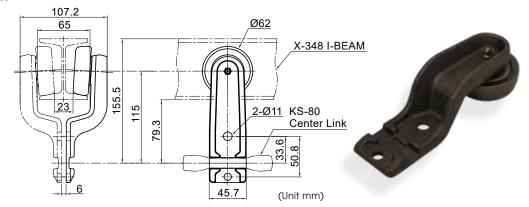
Load Capacity Pair (kg)





• KS-80 Half Trolley 79.3 Drop (62 Bearing)

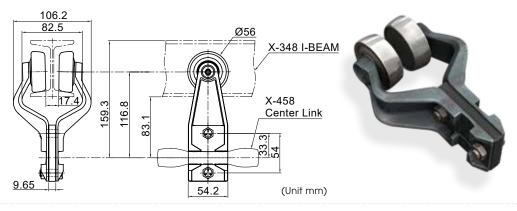
Item NO. 6013308AA3



3"x4" & 3"x6" Overhead Power Trolleys2" Overhead Power Trolleys

• 3"X4" Trolley with I Attachment 83.1 Drop

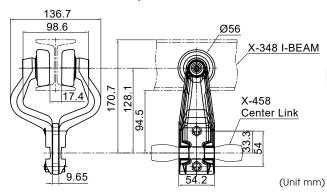
Item NO. 6013304AC1 Load Capacity Pair (kg)



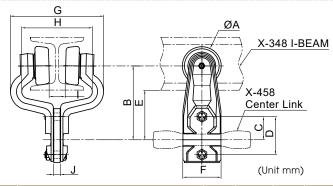
• 3"X4" Trolley with I Attachment 94.5 Drop

Item NO. 6013425AC1

Load Capacity Pair (kg)







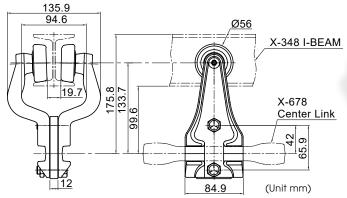


Item NO.	Description	А	В	С	D	Е	F	G	Н		J	Load Capacity Pair (kg)
6013426AC1	3"X4" Trolley with I Attachment 94.2 Drop	56	128.6	33.3	54	94.2	58.3	136.7	95.4	17.4	9.65	150
6013309AF2	3"X4" Trolley with I Attachment 70.4 Drop	55	104.8	33	54	70.4	54.2	131.7	99.7	22.6	9.65	150

• 3"X6" Trolley with I Attachment 99.6 Drop

Item NO. 6013604AC1

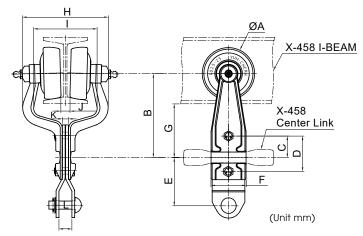
Load Capacity 150 Pair (kg)



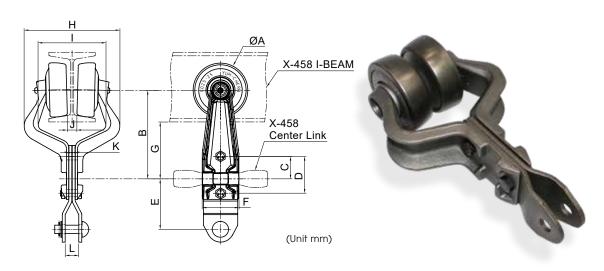


4" Overhead Power Trolleys





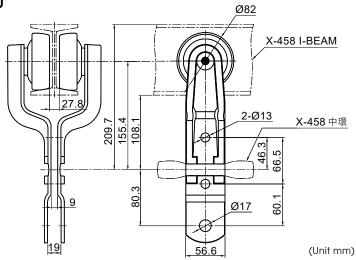
Item NO.	Description	А	В	С	D	E	F	G	Н	I	J	K	L	Load Capacity Pair (kg)
6013420AC1	X-458 Trolley with H Attachment 82.1 Drop	80	128.3	33	54	73.7	54	82.1	131	97	13.9	9	20	250
6013421AC1	X-458 Trolley with H Attachmnet 102.4 Drop	80	149	34.5	54	72.2	55	102.4	138.2	94.4	13.9	9	20	250
6013403AC1	X-458 Trolley with H Attachment 82.3 Drop	80	128.6	33.3	54	73.4	54.2	82.3	136	97.9	16.4	9	20	250
6013402AC1	X-458 Trolley with H Attachment 102.9 Drop	80	149.2	33.3	54	73.4	54.2	102.9	136	97.8	13.9	9	20	250



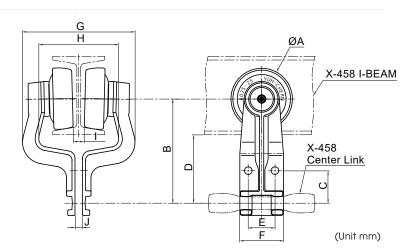
Item NO.	Description	А	В	С	D	Е	F	G	Н	I	J	K	L	Load Capacity Pair (kg)
6013413AC1	X-458 Trolley with H Attachment 81.9 Drop	80	128.6	33.3	54	73.4	54.2	81.9	136	97.9	13.9	9	20	250
6013411AC1	X-458 Trolley with H Attachmnet 102.5 Drop	80	149.2	33.3	54	73.4	54.2	102.5	136	97.9	13.9	9	20	250
6013416AC1	X-458 Trolley with H Attachmnet 102.5 Drop	80	149.2	33.3	54	73.4	54.2	102.5	136	97.9	13.9	9	20	250
6013427AC1	X-458 Trolley with H Attachment 82.1 Drop	80	128.5	33	54	73.7	54	82.1	136.7	99	13.9	9	20	250
6013405AC1	X-458 Trolley with H Attachment 83.3 Drop	80	129.5	33	54	73.7	54	83.2	140	99.2	13.9	9	20	250
6013405AC8	X-458 Trolley with H Attachment 82.2 Drop	82	129.5	33	54	73.7	54	82.3	140	99.2	14.6	9	20	250
6013405EB2	X-458Trolley with H Attachment 83.3 Drop (V Bearing)	80	129.5	33	54	73.7	54	83.3	140	99.2	13.9	9	20	250

• KS-100 Half Trolley 106.9 Drop (82 Bearing)





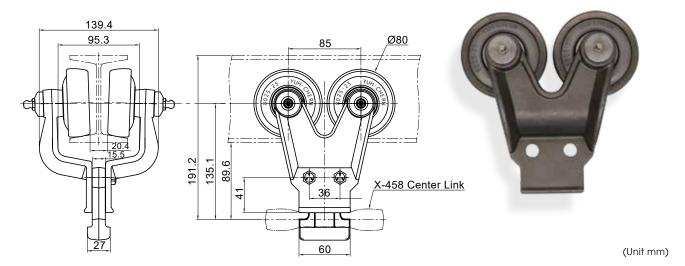




Item NO.	Description	Α	В	С	D	Е	F	G	Н	1	J	Load Capacity Pair (kg)
6013311AC1	X-458 Trolley 88.5 Drop	80	134.8	42	88.5	35	57	146	103.4	13.9	9	250
6013424AC1	X-458 Trolley 87.7 Drop	80	134.3	42	87.7	34.9	56.6	148.5	102.5	13.9	9	250

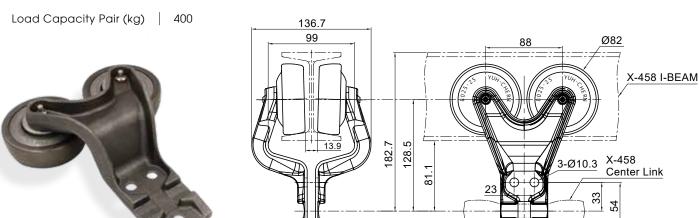
• X-458 Trolley with T Attachment 89.6 Drop

Item NO. 6013422AC1



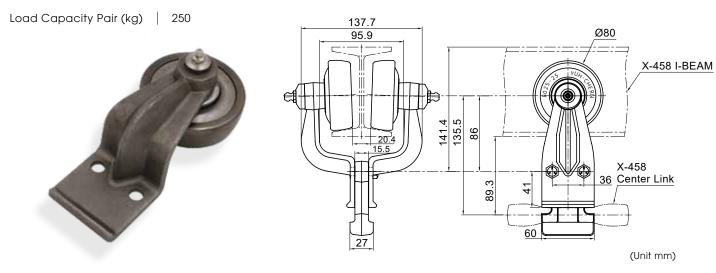
• X-458 Half Trolley 81.1 Drop (4" Heavy Bracket)

Item NO. 6013405AAE



• 4" Trolley With T Attachment 89.3 Drop

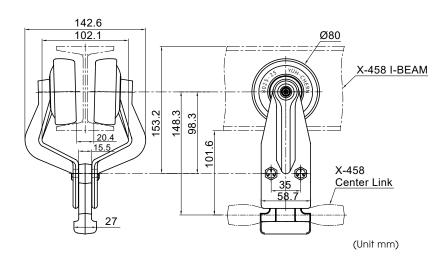
Item NO. 6013423AC1



• 4" Trolley With T Attachment 101.6 Drop

Item NO. 6013417AC1

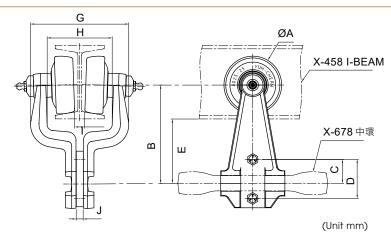




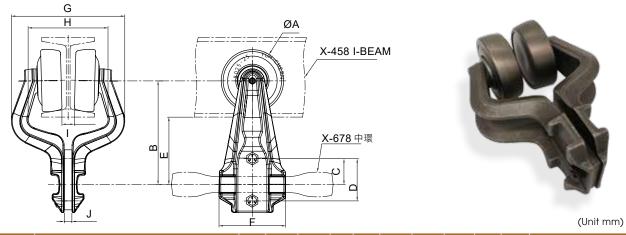
(Unit mm)

4"X6" Overhead Power Trolleys

負重能力 (每組 kg) 250



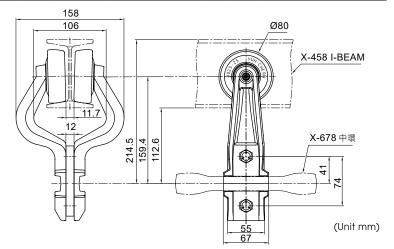
Item NO.	Description	А	В	С	D	Е	F	G	н	I	J	Load Capacity Pair (kg)
6013603AC1	4"X6" Trolley with I Attachment 88.7 Drop	80	135.7	33	54	88.7	Х	135.7	89.8	13.9	9.65	250
6013408AC1	4"X6" Trolley with I Attachment 112.5 Drop	80	158	43	74	112.5	х	154	100	13.9	12	250



Item NO.	Description	Α	В	С	D	Е	F	G	Н		J	Load Capacity Pair (kg)
6013404AF000	4"X6" Trolley with I Attachment 87.5 Drop	80	133.7	31.75	54	87.5	85.7	136.7	98.5	17	9.65	250
6013428AC1	4"X6" Trolley with I Attachment 87.5 Drop	80	133.7	31.75	54	87.5	85.73	136.7	98.6	13.9	9.65	250
6013429AC1	4"X6" Trolley with I Attachment 88.2 Drop	80	133.7	31.75	54	88.2	85.73	128.6	92.5	13.9	9.65	250
6013605AC1	4"X6" Trolley with I Attachment 87 Drop	80	133.6	31.8	54	87	85.2	136.6	98.5	13.9	9.65	250
6013406AF1	4"X6" Trolley with I Attachment 86 Drop	80	132.3	33	54	86.1	85.3	145.1	102.2	15.8	9.65	250
6013606AC1	4"X6" Trolley with I Attachment 87.7 Drop	80	133.8	33	54	87.7	85.7	139.7	98.6	13.9	9.65	250

• 4"X6" Trolley with I Attachment 112.9 Drop

Item NO. 6013410AC1

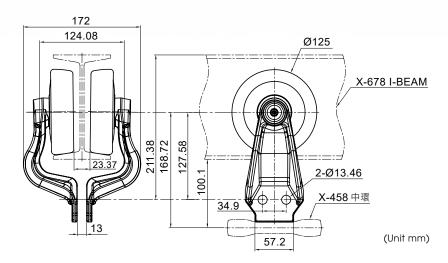




6" Overhead Power Trolleys

• 6"x4" Trolley 100.1 Drop Item NO. 6013409AB2

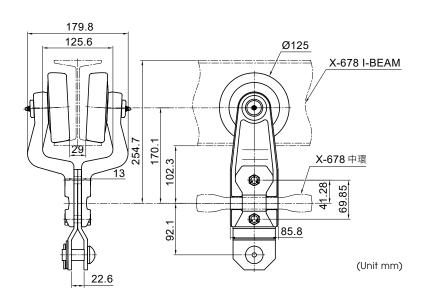
Load Capacity Pair (kg) | 600

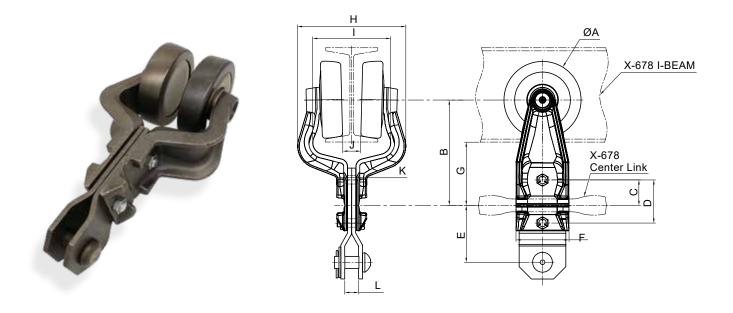


• X-678 Trolley with H Attachement 102.3 Drop

Item NO. 6013602AC9



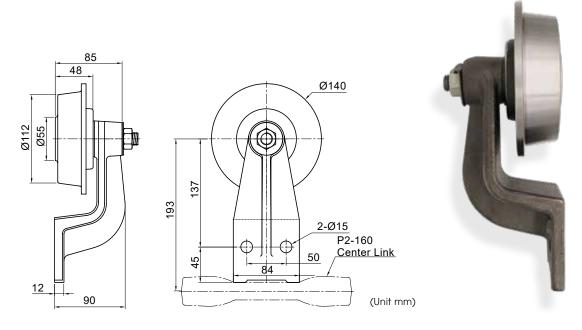




Item NO.	Description	А	В	С	D	Е	F	G	Н	1	J	K	L	Load Capacity Pair (kg)
6013602AC1	X-678 Trolley with H Attachment 102.2 Drop	125	170.2	41.28	69.85	92.1	85.8	102.2	175	126.3	29	13	22.6	600
6013602AC8	X-678 Trolley with H Attachemnt 103.7 Drop	122	170.2	41.28	69.85	92.1	85.8	103.7	175	126.3	29	13	22.6	600
6013601AC2	X-678 Trolley with H Attachment 101.5 Drop	125	169.8	41.28	69.85	92.1	85.85	101.5	175.1	127.3	29	13	22.6	600
6013601AC3	X-678 Trolley with H Attachment 101.5 Drop	125	169.8	41.28	69.85	92.1	85.85	101.5	175.1	127.3	29	13	22.6	600

• P2-160 Half Trolley-140 Bearing

Item NO. 6013601AA1



• P2-160 Trolley with H Attachment 128 Drop (140 Bearing)

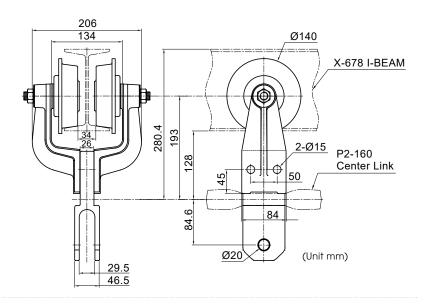
Item NO. 6013601AC1

Load Capacity Pair (kg) | 600

• P2-160 Trolley with T Attachment 128 Drop (140 Bearing)

Item NO. 6013601AC4

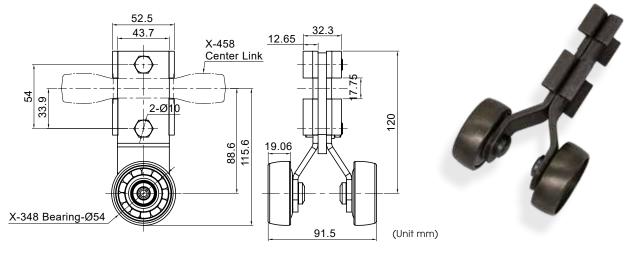
Load Capacity Pair (kg) | 600

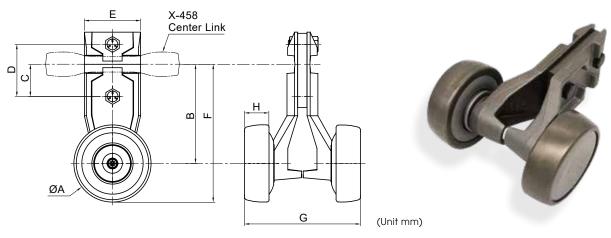


4" Inverted Power Trolleys

• 3"X4" Inverted Trolley with I Attachment 115.6 Drop (Stamping)

Item NO. 50610200002

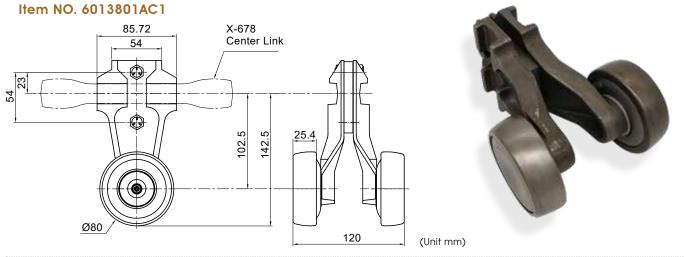




Item NO.	Description	А	В	С	D	Е	F	G	Н
6013703AC1	X-458 Inverted Trolley with I Attachment 135.3 Drop	80	95.3	33.3	54	53.9	135.3	120	25.4
6013704AC1	X-458 Inverted Trolley with I Attachment 142.5 Drop	80	102.5	33.4	54	58.3	142.5	120	25.4

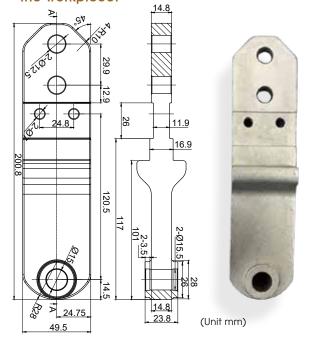
4"X6" Inverted Power Trolleys

• 4"X6" Inverted Trolley with I Attachment 142.5 Drop

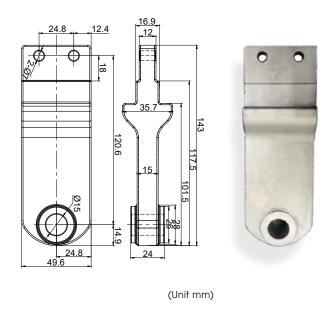


458 Attachment/OEM Parts

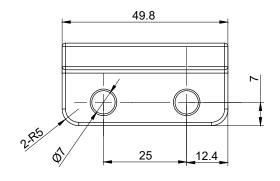
• 458 Cast Pendent Item NO 506505204000 Additional pendant must be used for hanging the workpiece.



• 458 Cast Half Pendent Item NO 506505204001 Additional pendant must be used for hanging the workpiece.



• 458 Cast Pendet clsmp Item NO 506505204002 This clamp and the pendant are fitted on the trolley.

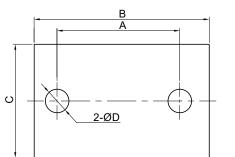


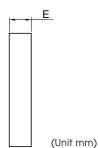


"I" Attachments

"I" Attachment

It is used as a filler to complete the assembly of a non-load carrying trolley.

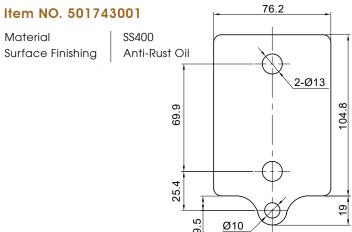






Item NO.	Description	А	В	С	D	Е	Material	Surface Finishing
501723002	3" I Attachment	47.9	69.76	40	9	6	JIS G3131	Anti-Rust Oil
501733003	4" I Attachment	54	77.1	50	10.4	9.65	SS400	Anti-Rust Oil
501743006	6" I Attachment	69.85	104.9	76.2	13.46	12	SS400	Anti-Rust Oil

• 6" I Attachmet-3 Holes



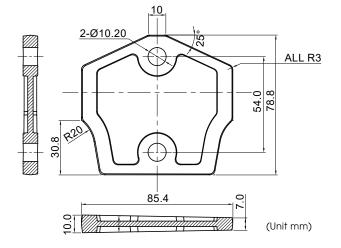


• 4"x6" | Attachment (Taper Type)

Item NO. 501733002

Material SAE1045 Surface Finishing



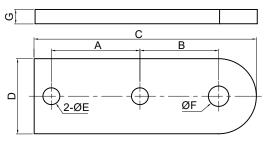


"C" Attachments

"C" Attachment

This attachment is a single piece metal plate projecting through the chain with a single hole to support very light products.





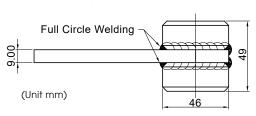
(Unit mm)

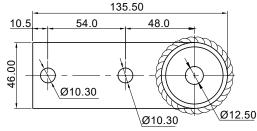
Item NO.	Description	А	В	С	D	Е	F	G	Material	Surface Finishing
501722002	X-348 C Attachment	47.7	34.85	111.13	38.1	8.74	13.49	6.3	SS400	Anti-Rust Oil
501732004	X-458 C Attachment	54	48	135.5	46	10.3	12.5	9	SAE1045	Anti-Rust Oil
506301901003	X-348 C Attachment	47.7	34.93	111.13	38.1	8.73	22.35	6.35	SS400	Anti-Rust Oil
506301901004	X-458 C Attachment	47.7	34.93	111.13	38.1	8.73	22.35	6.35	SS400	Yellow Zinc Plated

• X-458 C Attachment (Round Bar)

Item NO. 501732003

Material SAE1045 Surface Finishing Black Oxide



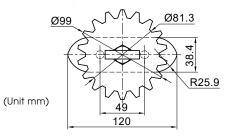


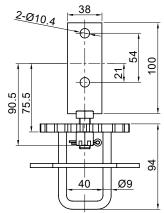


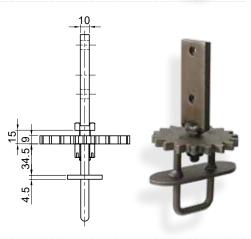
4" Sprocket with Hanging Unit

Item NO. 50621620004

Material SS400 Surface Finishing Anti-Rust Oil



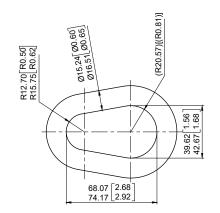




• Hanging Ring

Item NO. 506300402000

Material SAE4140 Surface Finishing Anti-Rust Oil

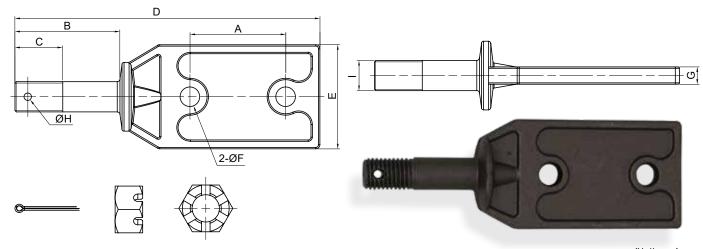




"B" Attachments

"B" Attachment

The primary use of this attachment is to attach trolley pairs to load bars, but can also be used for many other applications. It is steel forged with a threaded stud.

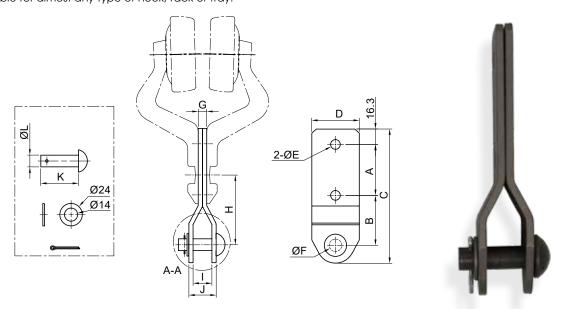


(Unit mm)

Item NO.	Description	А	В	С	D	Е	F	G	Н	I	Material	Surface Finishing
501720203000	X-348 B Attachment Kit	47.7	45	25.4	147	39.2	8.8	6.4	3.2	1/2 - 13UNC	SAE1045	Anti-Rust Oil
501730203000	X-458 B Attachment Kit	54.0	55.5	30.3	175.5	52.2	10.3	9	3.8	5/8 - 11UNC	SAE1045	Anti-Rust Oil
501740203000	X-678 B Attachment Kit	69.9	76.6	34.9	222.5	76.1	14.3	12.7	5.6	7/8 - 9UNC	SAE1045	Anti-Rust Oil

"H" Attachments

The most commonly used trolley attachment. It is a 2-piece steel plated attachment suitable for almost any type of hook, rack or tray.



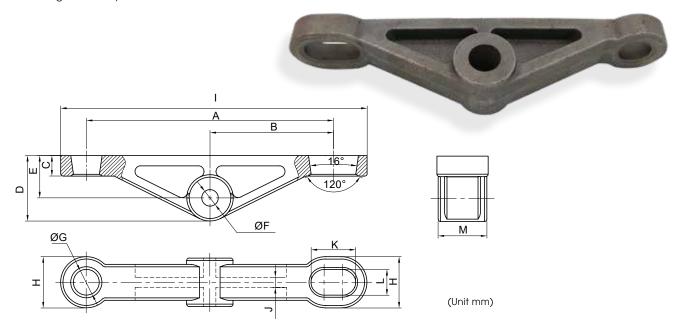
(Unit mm)

Item NO.	Description	А	В	С	D	Е	F	G	Н	1	J	K	L	Material	Surface Finishing
501720103000	X-348 H Attachment Kit	47.7	49.6	123.4	37.5	8.5	11.5	6	71.9	16	22	34	11	SS400	Anti-Rust Oil
501730103000	X-458 H Attachment Kit	54	52.7	143.5	50.5	10.3	13.3	9	73.7	20	29	40	12.5	SS400	Anti-Rust Oil
501740103000	X-678 H Attachment Kit	69.9	63.6	179.5	76	13.5	20.6	13	92.1	22.6	35.6	40	12.5	JIS G3131	Anti-Rust Oil

Overhead Trolley Load Bars

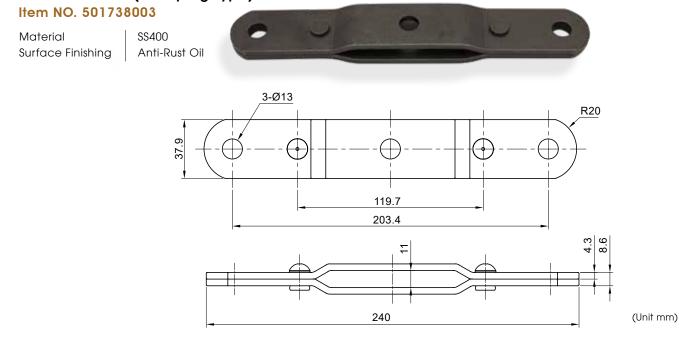
Overhead Trolley Load Bars

This attachment is casted. Its primary use is to distribute the load over a pair of trolleys by connecting two trolley assemblies with "B" attachment.



Item NO.	Description	А	В	С	D	Е	F	G	Н	I	J	K	L	М	Material	Surface Finishing
501721002	X-348 Load Bar Kit with Bush and Spherical Washer	152.9	76.78	10.7	60	41	15.5	24	50.75	213	10.3	43.7	25	38.1	FCD45	Anti-Rust Oil
501731003	X-458 Load Bar Kit with Bush and Spherical Washer	204.5	107.25	19.5	70.5	44.25	17.5	27.07	66	279.5	19	47.54	29.54	46.21	FCD45	Anti-Rust Oil
501741008	X-678 Load Bar Kit with Bush and Spherical Washer	304.8	152.4	25.4	81	52.4	20.6	32	63.5	378	12.5	55	32	60.3	FCD45	Anti-Rust Oil

• X-458 Load Bar (Stamping Type)



Overhead Trolley Second Hanger / Pendant

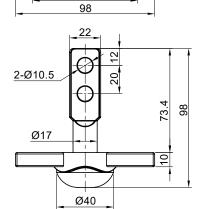
2-Ø13

• 348 Rotating Star Pendant (Axle+Base)

Item NO. 50224112001

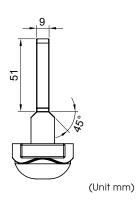
Material Surface Finishing SAE1045 Zinc Plated





74

44

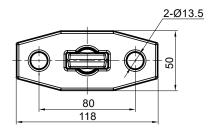


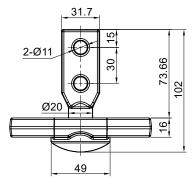
• 458 Rotating Star Pendant (Axle+Base)

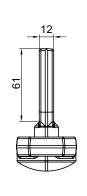
Item NO. 50610540005

Material Surface Finishing SAE1045 Anti-Rust Oil









(Unit mm)

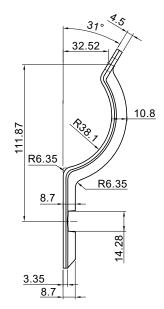
Special Forged Bracket

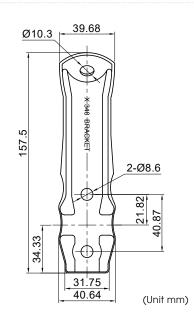
• SJ Bracket

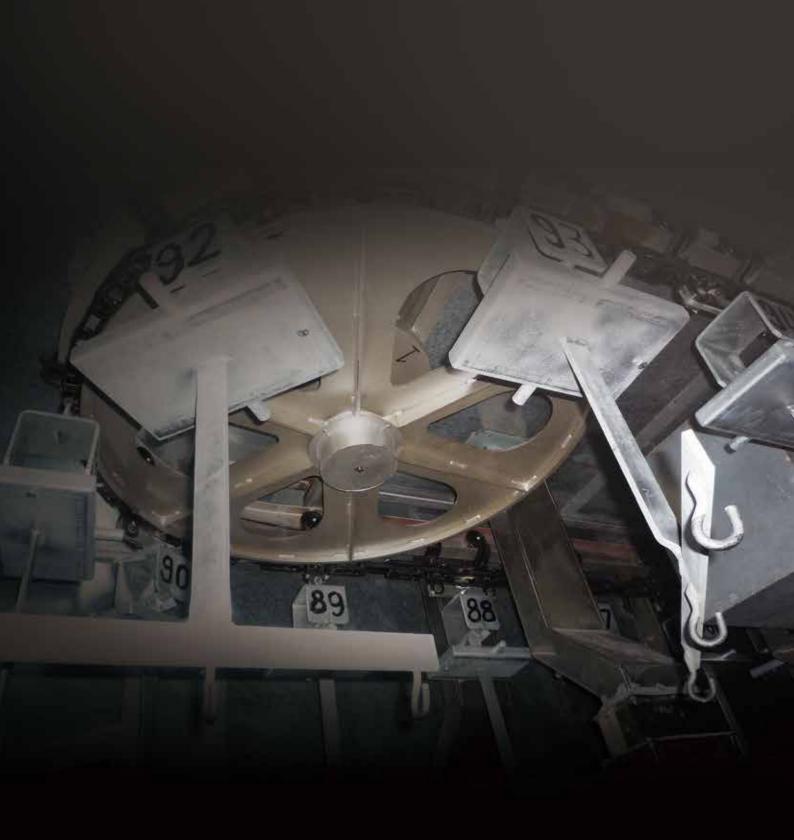
Item NO. 5015221005

Material Surface Finishing SAE1035 Zinc Plated





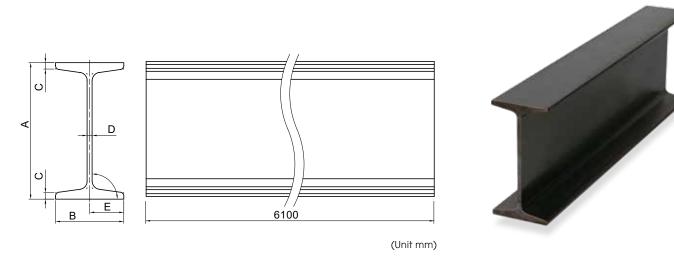




CONVEYOR EQUIPMENT FOR RIVETLESS CHAINS

I-Beams (In Compliance with ASTM A6/A6M-17a Specifications)

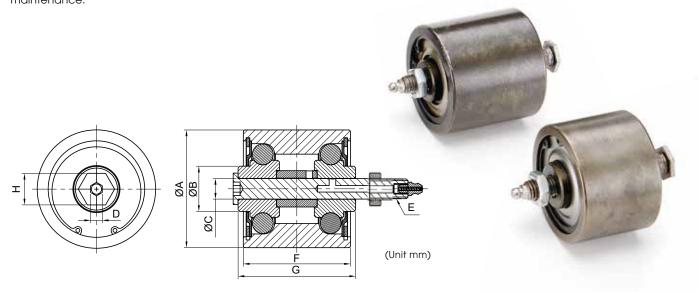
I-Beam tracks are made with I-Beam steel. The channel section provides support for trolley wheels that carry the chain and allow the trolley wheels to move alongside the track.



Item NO.	Description	А	В	С	D	Е	Material	Surface Finishing
5011101105	3" I-Beam	76.2	59.1	4.3	4.3	29.5	Fe (Mild Steel)	Hot Rolled
5011101106	4" I-Beam	101.6	67.6	4.8	4.9	33.8	Fe (Mild Steel)	Hot Rolled
5011101121	6" I-Beam	150	75	7.0	5.5	37.5	Fe (Mild Steel)	Hot Rolled

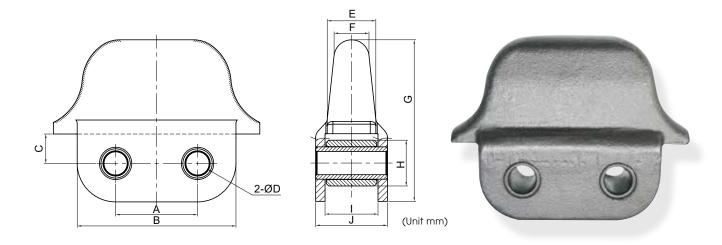
Roller Turn Rollers

The rollers are installed on the horizontal segment bar of the roller turn frame. Its prime function is to provide proper alignment for chains and trolleys when negotiating horizontal turns. The grease fitting is strategically placed for ease of lubrication and maintenance.



Item NO.	Description	А	В	С	D	Е		G	Н	Material	Surface Finishing
501211105	3" Roller Turn Roller (With Bolt Set)	69.9	27.4	12.5	7	M12-P1.75	49	55.6	18.8	SCM415	Anti-Rust Oil
501221101	4" Roller Turn Roller (With Bolt Set)	71.4	27.4	12.5	7	M12-P1.75	65.1	71.4	18.8	SCM415	Anti-Rust Oil

Drive Dogs



Item NO.	Description	А	В	С	D	Е	F	G	Н	I	J	Material	Surface Finishing
5014462002	348 Drive Dog (Pitch 1.5")	38.1	73	15.65	14.8	17.9	12.5	64.7	25.32	25.4	37.3	SAE1045	Anti-Rust Oil
5014420001	348 Drive Dog	50.8	98.42	18.25	14.44	19.3	13.8	77.04	28.58	32	44.7	SAE1045	Anti-Rust Oil
5014430001	458 Drive Dog	50.8	98.42	18.25	14.44	25.4	18.9	84.15	28.58	32	44.7	SAE1045	Anti-Rust Oil
5014430003	KS-100 Drive Dog	50.8	98.42	18.25	14.44	25.4	18.9	84.15	28.58	32	44.7	SAE1045	Anti-Rust Oil
5014440001	678 Drive Dog	50.8	98.42	18.25	14.44	30.3	21.7	100.5	28.58	32	44.7	SAE1045	Anti-Rust Oil

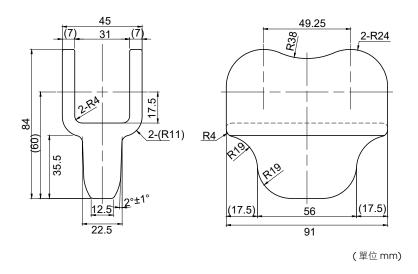
Drive Dogs

• Drive Dogs

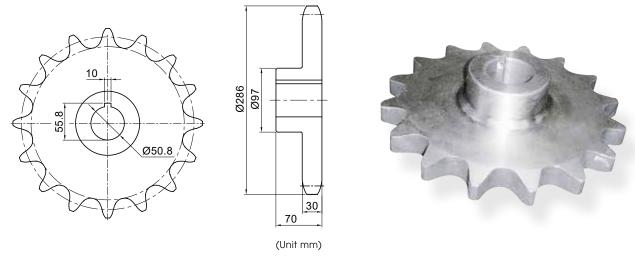
Item NO. 5014463004

SAE1045 Material Surface Finishing Anti-Rust Oil



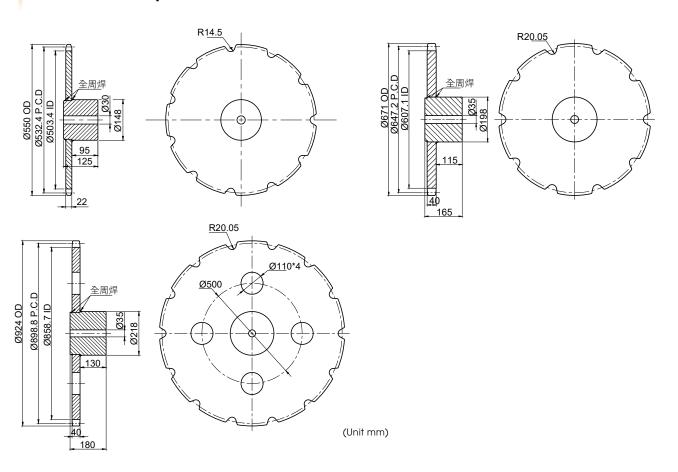


Drive Chain Sprocket



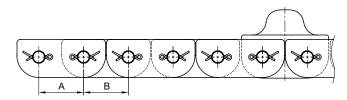
Item NO.	Description	Material	Surface Finishing
50620290001	RS 160-1B-16T Sprocket	Carbon Steel	Anti-Rust Oil
50620080006	RS 160-1B-16T Sprocket	Carbon Steel	Anti-Rust Oil

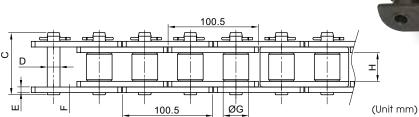
Drive Chain Sprocket



Item NO.	Description	Material	Surface Finishing
50610250003	RF 10150S-BW-11T	SAE 1045	Anti-Rust Oil
50610250004	RF 17200S-BW-10T	SAE 1045	Anti-Rust Oil
50610250005	RF 17200S-BW-14T	SAE 1045	Anti-Rust Oil

Caterpillar Drive Chains

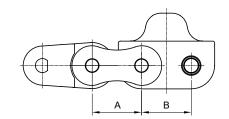


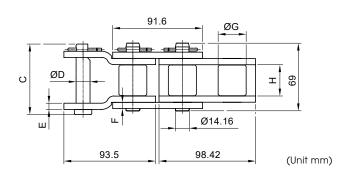


We offer two types of caterpillar drive chains: the lambda chain link (Standard) and D-type chain link (Heavy-duty). The pin assembly can be constructed using Cotter Pins or Riveted Pins. The riveted type is generally used for heavy loads, while the cotter pin allows operators the ease of replacing the chain links or chain dog by themselves.



Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
6014542007	X-348 D Type Caterpillar Drive Chain (10 Dogs)	50.8	50.8	69	14.16	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740
6014543003	X-458 D Type Caterpillar Drive Chain (15 Dogs)	50.8	50.8	69	14.16	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740
6014544003	X-678 D Type Caterpillar Drive Chain (10 Dogs)	50.8	50.8	69	14.16	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740



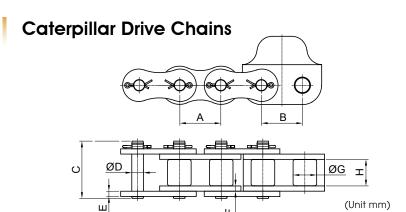






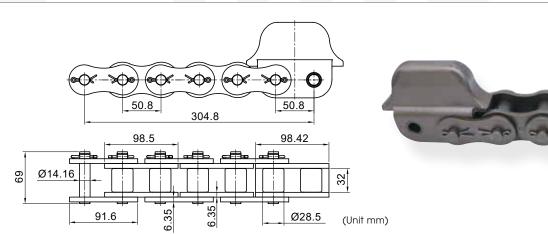
X-348 Caterpillar Drive Chain

Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
6014542010	X-348 Caterpillar Drive Chain (10 Dogs)	50.8	50.8	72	14.24	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740
6014542002	X-348 Caterpillar Drive Chain (20 Dogs)	50.8	50.8	72	14.24	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740

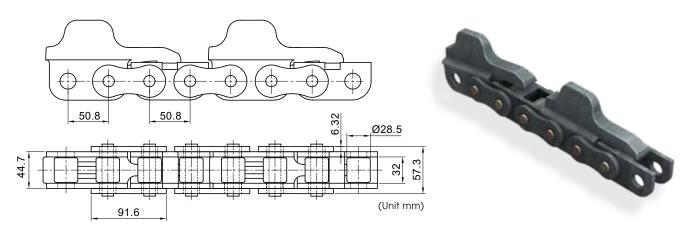




Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
6014543002	X-458 Caterpillar Drive Chain (15 Dogs)	50.8	50.8	69	14.16	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740
601450301000	X-458 Caterpillar Drive Chain (15 Dogs)	50.8	50.8	69	14.16	6.35	6.35	32	32	SAE1045	Anti-Rust Oil	22740
6014551001	KS-100 Caterpillar Drive Chain (15 Dogs)	50	50	69	14.16	6.35	6.35	28.5	32	SAE1045	Anti-Rust Oil	22740
60142021013	RS120 Caterpillar Drive Chain (11 Dogs)	38.1	38.1	53.8	11.11	4.8	4.8	22.23	25.22	SAE1045	Anti-Rust Oil	12755



Item NO.	Description	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
6014544002	X-678 Caterpillar Drive Chain (10 Dogs)	SAE1045	Anti-Rust Oil	22740



Item NO.	Description	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5014471004	CE19 Caterpillar Drive Chain (4 Link/64 Dogs)	SAE1045	Anti-Rust Oil	17100

X-348/458/678 Conveyor Equipment

Vertical Curves

Item NO.	Description
5011410101	X-348 Vertical Curve
5011410102	X-458 Vertical Curve
5011410103	X-678 Vertical Curve

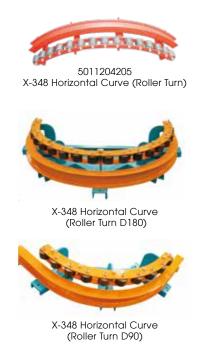


Horizontal Roller Turns

This device is designed to keep the chain and the trolley correctly vertical while negotiating horizontal turns. The roller turn angle can be adjusted according to the customers design. Optional angles: 30 degrees, 45 degrees, 60 degrees, 90 degrees and 180 degrees.

The roller turn assembly consists of a frame, I-beam rails, rollers and segment bars. The frame is designed as a welded steel construction guide to minimize dimensional errors during assembly. The rollers are fixed to the segment bars by roller bolts to form a roller segment bar assembly, which is then bolted to the roller turn frame. This feature allows for easy replacement of either the entire roller or individual rollers. There is a grease fitting in place under each of the roller bolts for ease of lubrication and to extend the longevity of the ball bearings.

Item NO.	Description	Item NO.	Description	Item NO.	Description
5011204205	X-348 Horizontal Curve (Roller Turn)	5011206703	X-458 Horizontal Curve (Roller Turn)	5011208701	X-678 Horizontal Curve (Roller Turn)









X-458 Horizontal Curve (Sprocket Type)

X-348/458/678 Conveyor Equipment

• Horizontal Traction Wheel Turns

This type of turn serves the same function as the horizontal roller turn. However, it is more suitable to be used in hazardous environments. Heating furnaces or areas that are difficult to maintain, such as dirty, corroded or high temperature working environments. The device can also be made according to the customer's design with optional angles: 30 degrees, 45 degrees, 90 degrees, and 180 degrees.

All traction wheel turns are made with a separate mounting frame from which both the conveyor track and the traction wheel shaft mounts are supported. These turns are made of solid discs with self-lubricating brass bearings. Although the traction wheel is more expensive than roller turns, it provides a smoother operation at high conveyor speeds. This wheel requires less maintenance due to reduced chain wear and chain pull.

Item NO.	Description
5011204705	X-348 Horizontal Curve (Traction Wheel Turn)
5011206704	X-458 Horizontal Curve (Traction Wheel Turn)
5011208702	X-678 Horizontal Curve (Traction Wheel Turn)



X-348 Horizontal Curve (Traction Wheel Turn)



X-458 Horizontal Curve (Traction Wheel Turn)

Caterpillar Drive Units

Selecting the appropriate drive unit to drive the entire conveyor system is critical in achieving a reliable and efficient conveyor system. Generally, the drive unit is installed alongside a horizontal straight run of track where the highest chain tension occurs. One conveyor system only requires one drive unit. It is recommended to use a take-up device, which can be installed 100-120 meters away from the drive unit, to work alongside with the drive unit. However, as the conveyor line gets longer or more complicated, it would be necessary to place multiple drive units with a coaxial or synchronous motor.

Item NO.	Description	Item NO.	Description	Item NO.	Description
601260601	X-348 Drive Device	601270601	X-458 Drive Device	601280601	X-678 Drive Device







601260601 X-348 Drive Device





X-348 Caterpillar Drive (Floating Type)



X-458 Drive Device



As chains become worn out, the chain length will extend and it also stretches when subjected to tension. Therefore, in order to maintain continuous and smooth operations, it is necessary to apply force to the chain after the chain leaves the drive unit. This is where the Take-Up device comes into play. It absorbs the elongation of the chain, and maintains proper chain tension. This helps ensure smooth conveyor operation and reduces the possibility of chain blockages.

Take-Up devices can be used with pneumatic, counter-weight, and spring-operated tension adjustment methods to meet the needs of a variety of applications.

Item NO.	Description
601260002	X-348 Take-Up Device (Spring Type)
601270002	X-458 Take-Up Device (Spring Type)
601280002	X-678 Take-Up Device (Spring Type)

Item NO.	Description
5011101116	X-348 Expansion Tube Set
5011101117	X-458 Expansion Tube Set
5011101118	X-678 Expansion Tube Set



X-348 Take-Up Device



X-348 Take-Up Device



X-348 Take-Up Device (Counter Weight)



X-458 Take-Up (Roller Turn)



X-458 Expansion Tube Set



Inverted Conveyor System (Take-Up Device)



X-458 Inverted Conveyor System



X-458 Inverted Take-Up Device

POWER & FREE CONVEYOR SYSTEMS

In a Power & Free (accumulation) conveyor system, there is a set of three free-trolleys. The first is the front free trolley (the accumulating trolley), a connector pin, a middle free trolley, a load bar, and a rear free trolley. It is designed to allow the side link pusher dog to interact with the upper power chain to achieve the function of accumulation and release.

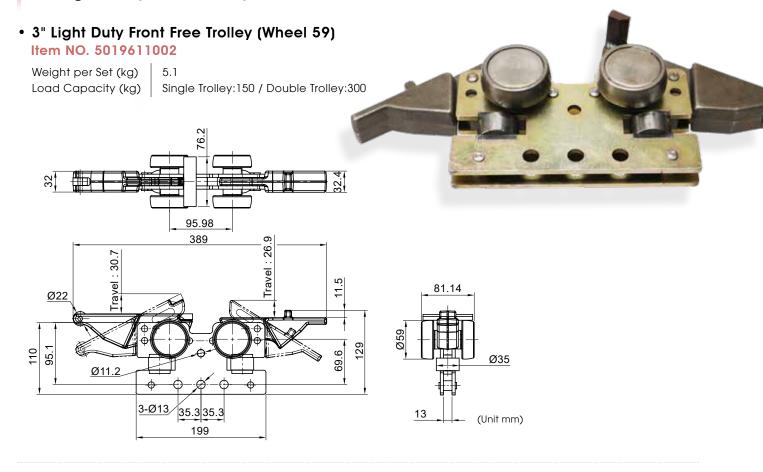
The power chain's side link pusher dog attaches with the front flopper dog of the front free trolley and pushes the trolley set in motion along the track. When the trolley set needs to stop, the front free trolley's actuating lever engages with the cam tail of a stopped rear free trolley that is in front of it. The actuating lever pivots up, pulling down the retractable dog, disengaging the power chain that continues to move forwards

THERE ARE THREE MAIN FUNCTIONS OF A POWER & FREE CONVEYOR:

- Carrying and transporting goods.
- In the scenario that the conveyor chain is running continuously, the retractable dog descends to allow a free trolley set to automatically stop and to accumulate multiple trolley sets, this will improve the utilization of space on the conveyor.

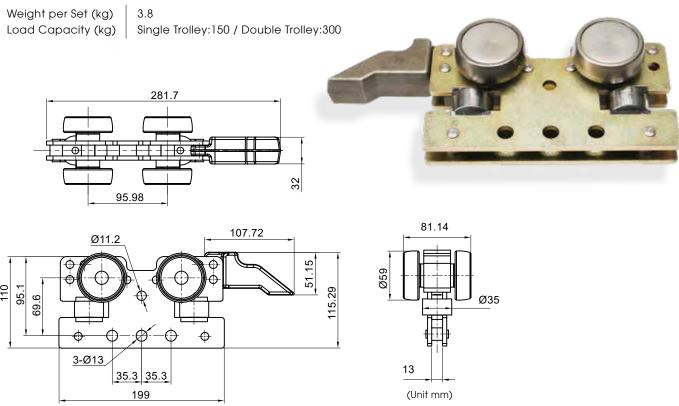


3" Light Duty Free Trolley



• 3" Light Duty Rear Free Trolley (Wheel 59)

Item NO. 5019611003



SECTION A-A

3" Free Trolley

• 3" Front Free Trolley (Wheel 59)



Weight per Set (kg)

Travel: 26.7 Travel: 19 (Unit mm)

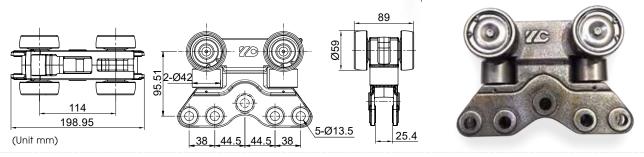
• 3" Intermediate Free Trolley (Wheel 59)

Item NO. 501920603000

Weight per Set (kg) Load Capacity (kg)

8.9

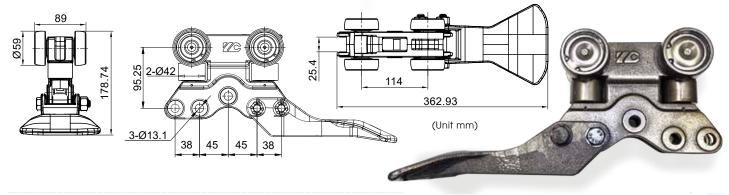
Single Trolley:350 / Double Trolley:700

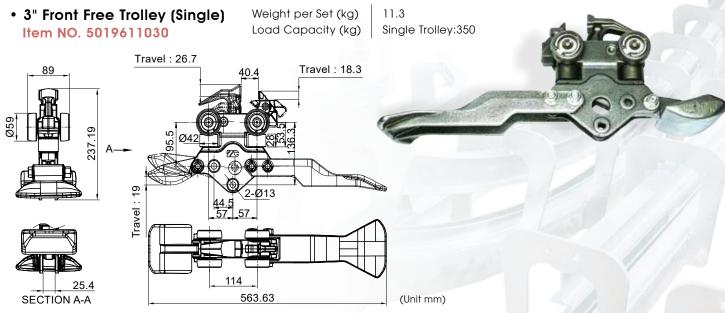


• 3" Rear Free Trolley (Wheel 59) Item NO. 501930603000

Weight per Set (kg) Load Capacity (kg)

Single Trolley:350 / Double Trolley:700





4" Free Trolley

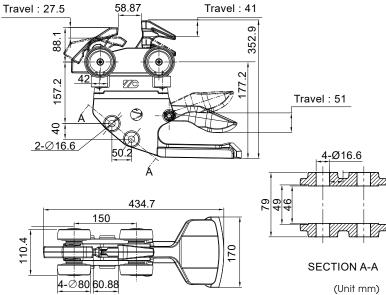
• 4" Front Free Trolley

Item NO. 5019714001

Weight per Set(kg) Load Capacity(kg) 20.7

Single Trolley:600 / Double Trolley: 1200



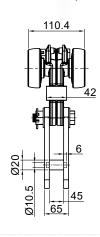


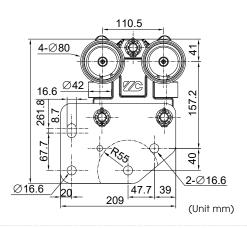
• 4" Intermediate Free Trolley

Item NO. 5019714002

Weight per Set (kg)

Load Capacity (kg) Single Trolley:600 / Double Trolley:1200







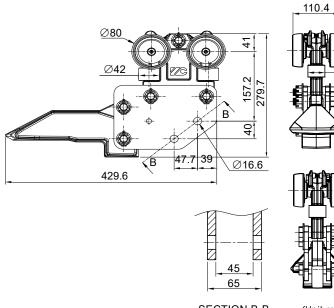
• 4" Rear Free Trolley

Item NO. 5019714003

Weight per Set (kg) Load Capacity (kg)

Single Trolley:600 / Double Trolley:1200





SECTION B-B

(Unit mm)

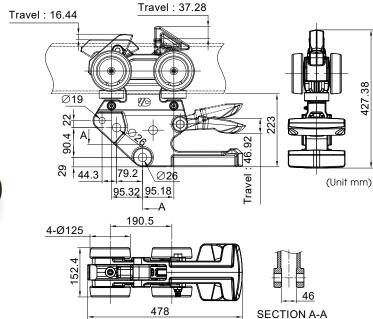
6" Free Trolley

• 6" Front Free Trolley Item NO. 5019817001

Weight per Set (kg) Load Capacity (kg)

Single Trolley:2100 / Double Trolley:4200





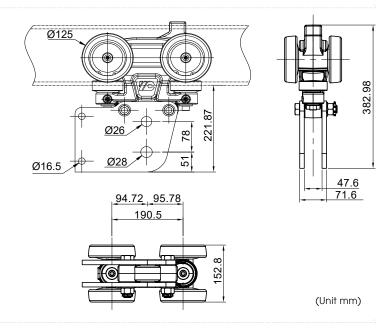
• 6" Intermediate Free Trolley

Item NO. 5019817003

Weight per Set (kg) Load Capacity (kg)

Single Trolley:2100 / Double Trolley:4200





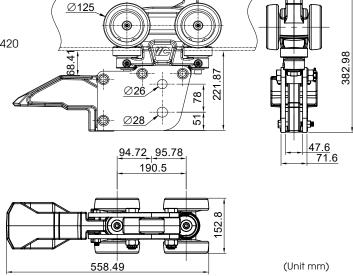
• 6" Rear Free Trolley

Item NO. 5019817002

Weight per Set (kg)

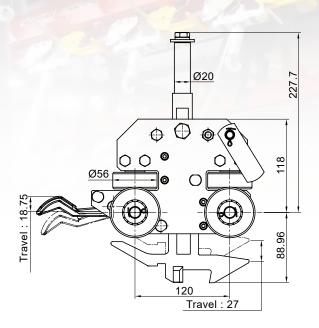
Load Capacity (kg) Single Trolley:2100 / Double Trolley:420

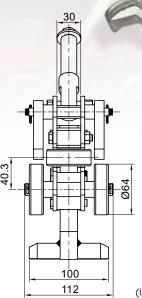




7 Ton Enclosed Track Floor Conveyor Free Trolley

• 7 Ton Floor Conveyor Front Free Trolley (HR-DM3A) Item NO. 5019512001 Weight per Set (kg) Load Capacity (kg) Approx. 3645



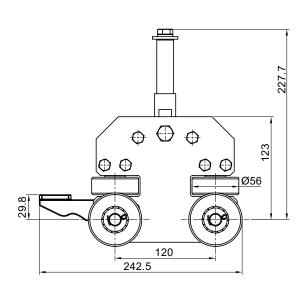


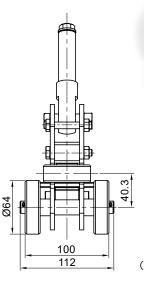
(Unit mm)

• 7 Ton Floor Conveyor Rear Free Trolley (HR-DM3B)

Item NO. 5019512002

Weight per Set (kg) Load Capacity (kg) | Approx. 2529







DROP FORGED CHAINS

The drop forged fork link chain is designed with a rib-shape and is for a continuous conveyor system. The conveyor path can be horizontal, inclined and vertical. It is the best choice for many bulk materials such as powders, granules, flakes, and blocks. We provide different types of drop forged fork link chain products. All have solid shaft pin designs and can be assembled for light or heavy duty. The drop forged fork link chain is also known as a flight conveyor or scraper conveyor where the fork links can be welded with different styles of flights or scrapers. We provide many options to match all customers' unique conveyor designs.

Our fork link chain is forged from high quality alloy steel, such as SAE4140 (Chromium Molybdenum). We can customize the chain to support special requirements regarding materials and heat treatments to achieve greater strengths and wear resistance.

Processing Techniques:

Forging

The fork link chain process starts with the manufacturing of precision forging molds. Then the product is hot forged in conformity to the specifications set out by company management.

Machining

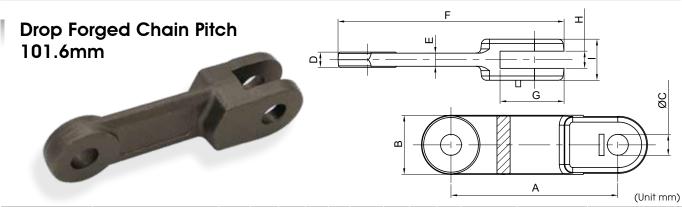
Our advanced CNC machining process guarantees excellence and consistent quality of our manufactured products. These machining processes include milling, drilling & boring. Our precision machining ensures that the product's aperture, hole pitch and groove width all meet the outlined requirements.

Heat Treatment

Heat Treatment can improve the internal structure of the product and obtain enhanced product performance with uniform hardness and depth. Heat Treatment is the main process used in the manufacturing of fork link chain. With many years of experience, our expertise in heat treatments of various steels allows us to achieve the best product performance.

Quality Assurance

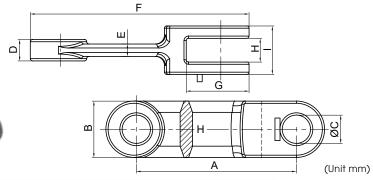
Every chain product will be inspected and tested in our in-house laboratory. Testing will focus on machined dimensions, surface and core hardness. All of the results are stored in our company database and can be accessed at any given time.



Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5013321001	Drop Forged Chain Link P101.6 (L)	101.6	36	12.8	9.3	8	137.6	39	10.5	25	SAE1045	Anti-Rust Oil	16300
5013321004	Drop Forged Chain Link P101.6 (HD)(H)	101.6	36	14.1	13	9	138	35	14	30	SAE4140	Anti-Rust Oil	21700



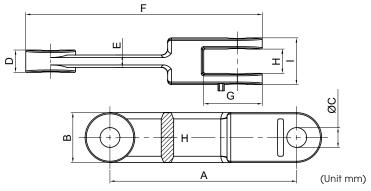




Item NO.	Description	А	В		D	Е		G	Н		Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5013333001	Drop Forged Chain Link P142 (H)	142	50	25	19.2	11.6	194	56.7	21	42.7	SAE4140	Anti-Rust Oil	36000
5013331003	Drop Forged Chain Link P142 (MD)(H)	142	50	25	25	16	192	55	26	54	SAE4140	Anti-Rust Oil	47500
5013331004	Drop Forged Chain Link P142 (HD)(H)	142	50	25	28	15	204	65	30	62	SAE4140	Anti-Rust Oil	53200

Drop Forged Chain Pitch 150mm





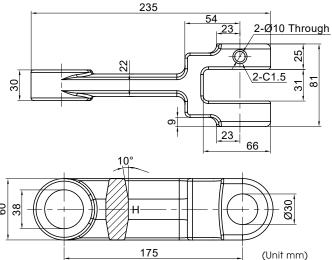
Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5013343001	Drop Forged Chain Link P150 (H)	150	40	16.3	18	10	190	47	19	37	SAE4140	Anti-Rust Oil	32800
5013331002	Drop Forged Chain Link P150 (FT20)(L)	149.2	46	20	20	11	198.2	51.5	21	41	SAE1045	Anti-Rust Oil	39500

Drop Forged Chain Pitch 175mm

• Drop Forged Chain Link P175 (H)

Item NO. 6014351002

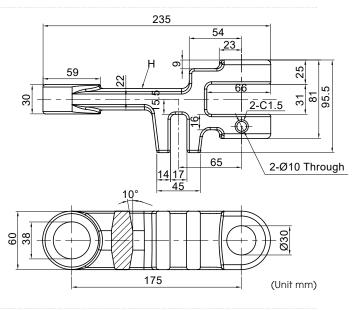




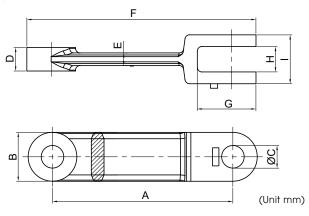
• Drop Forged Chain Link Double Head P175 (H)

Item NO. 6014351001



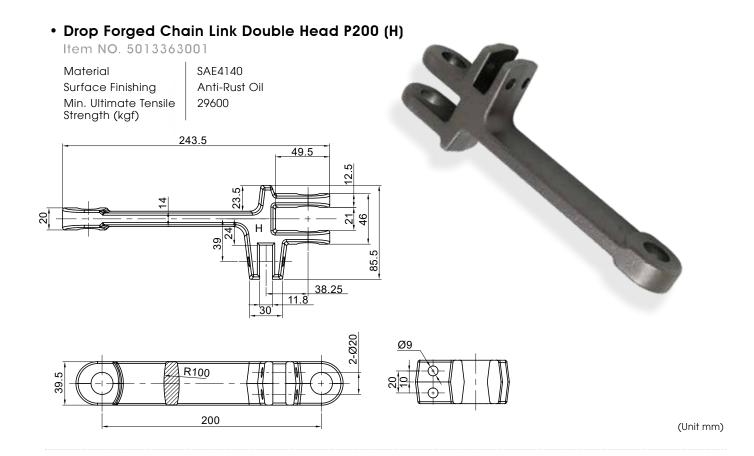


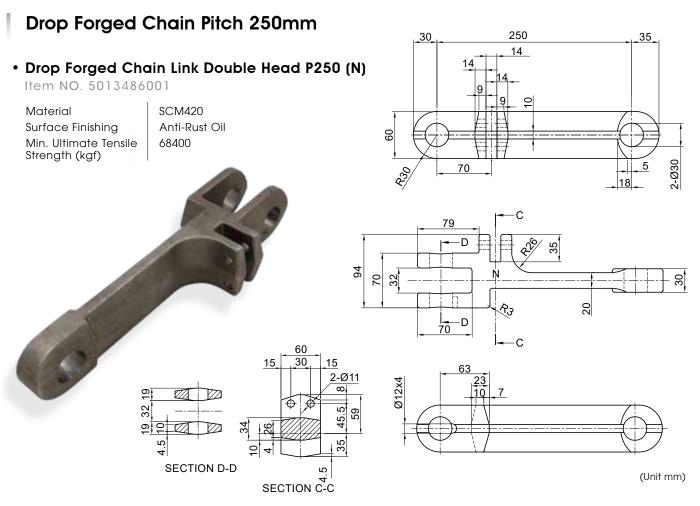
Drop Forged Chain Pitch 200mm





Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5014363001	Drop Forged Chain Link P200 (H)	200	54	25	26	14	254	65	28	54	SAE4140	Anti-Rust Oil"	57300
5013331001	Drop Forged Chain Link P200 (FT30)(Z)	199.2	46	20	20	12	248.2	51.5	21	41	SCM435	Anti-Rust Oil"	39500



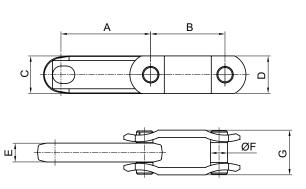


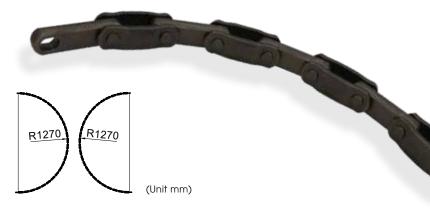


DOUBLE FLEX CONVEYOR CHAINS

The unique design of this series of conveyor chains allows the chains the flexibility to change forward directions while in operation. The multi-Directional bending properties of the chain make it an ideal transport tool for a wide range of applications. The Multi-Directional curved chain can easily bypass obstacles and travel into corners. This not only reduces wear caused by the chain in action, but also provides the chain with maximum flexibility in horizontal and vertical movements.

Double Flex Conveyor Chains





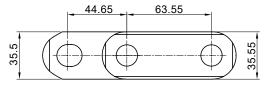
Item NO.	Description	А	В	С	D	Е	F	G	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)	Min. Curved Radius (mm)
6014413001	DF-3500 Double Flex Conveyor Chain	76.5	63.5	32	32	16.0	14.4	38.1	SAE4140 / 1045	Anti-Rust Oil	14500	1270
6014443001	DF-3914 Double Flex Conveyor Chain	79.8	79.4	32	32	16.0	14.4	37.5	SAE4140 / 1045	Anti-Rust Oil	16700	1270
5013293001	DF-3910 Double Flex Conveyor Chain	76.5	76.2	32	32	16.0	14.4	38.1	SAE4140 / 1045	Anti-Rust Oil	16600	1270

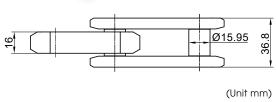
DF-3498 Double Flex Conveyor Chain

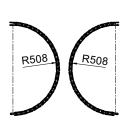
Item NO. 6014423001

Material Surface Finishing Min. Ultimate Tensile Strength (kgf) Min. Curved Radius (mm)

SAE4140 / 1045 Anti-Rust Oil 18400 508





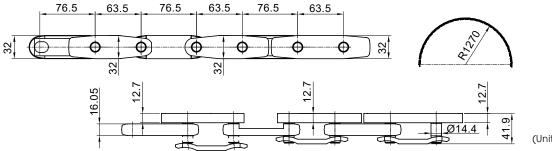


• DF-3511 Double Flex Conveyor Chain

Item NO. 6014451001

Material Surface Finishing Min. Ultimate Tensile Strength (kgf) Min. Curved Radius (mm)

SAE4140 / 1045 Anti-Rust Oil 17200 1270



INDUSTRIAL CONVEYOR CHAINS



RF Type Industrial Conveyor Chains

The RF Type Industrial Conveyor Chain is an evolution of the RS Roller Chain. The unique design includes the incorporation of flat attachments.

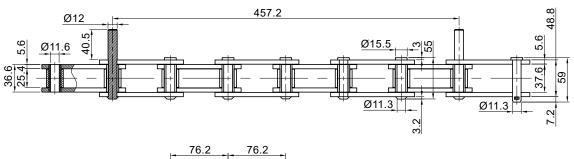
There are three types of rollers: the S-type, R-type, and F-type. The chain attachments are K-type, A-type, G-type, SK-type and SAtype. All of the optional attachments are stamped or welded onto the chain. This chain is used in extreme working environments, such as wastewater and sludge treatment plants, cement or powder conveyor lines. With our precision stamping and proper heat treatments, we are capable of producing this type of chain for any type of conveyor equipment.

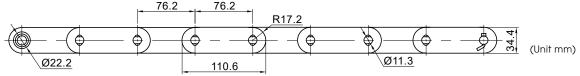
• RF2120S-6LEP Conveyor Chain

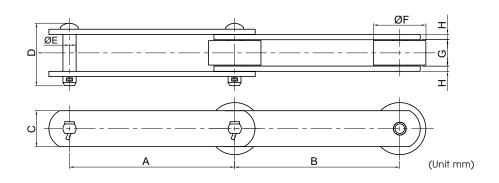
Item NO. 501350901001

Material SAE1045 Surface Finishing Anti-Rust Oil Min. Ultimate Tensile Strength (kgf) 16500



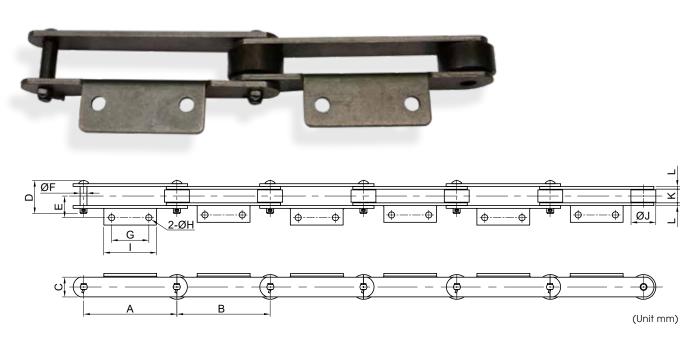




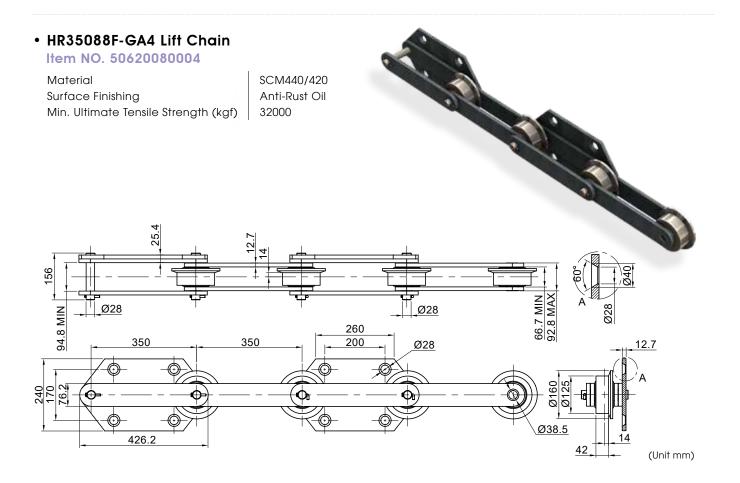




Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5014240002	RF03100R Conveyor Chain	100	100	22	38	8	31.8	16.1	3.2	SAE1045	Anti-Rust Oil	3000
5014240003	RF05100R Conveyor Chian	100	100	32	53.5	11.3	40	22	4.5	SAE1045	Anti-Rust Oil	7000
5014240004	RF05150R Conveyor Chain	150	150	32	53.5	11.3	40	22	4.5	SAE1045	Anti-Rust Oil	7000
5014340002	RF10150R Conveyor Chain	150	150	38.1	69	14.5	50.8	30	6.3	SAE1045	Anti-Rust Oil	11500

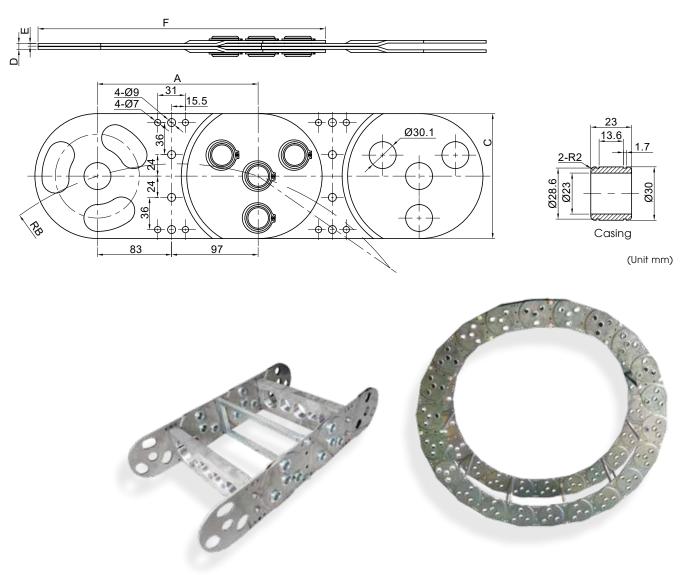


Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	J	K	L	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
5014240001	RF6205F-5LA2 Conveyor Chain with A2 Attachment	152.4	152.4	44.5	83.5	60	15.9	60	15	100	57.2	37.1	7.9	SAE1045	Anti-Rust Oil	19000
5014240005	RF05150R-1LA2 Conveyor Chain with A2 Attachment	150	150	32	53.5	35	11.3	60	10	85	40	22	4.5	SAE1045	Anti-Rust Oil	7000



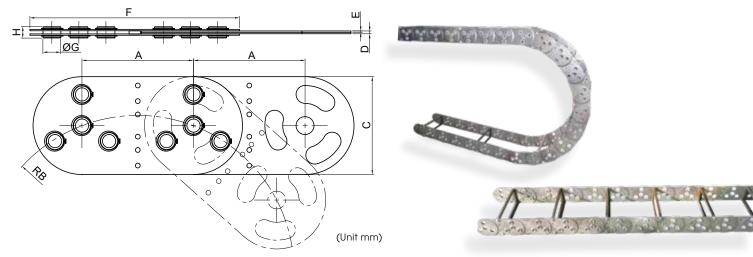
Steel Cable Protector Chains

The flexible cable protector chain, also known as Drag Chain or Cable Carrier, are flexible structures consisting of links designed to surround and guide a variety of cables and hoses on automated equipment and machinery. These include fllexible electrical cables, hydraulic and pneumatic hoses. The chain will reduce cable and hose wear, prevent entanglement and increase facility safety.



▲ The illustrated images are application examples.

Item NO.	Description	А	В	С	D	Е	F	Material	Surface Finishing
501360504004	P180 Cable Protector Chain Link (R300)	180	300	140	6.6	3	321.5	SS400	Zinc Plated
501360504003	P180 Cable Protector Chain Link (R320)	180	320	140	6.6	3	321.5	SS400	Zinc Plated
501360504005	P180 Cable Protector Chain Link (R400)	180	400	140	6.6	3	321.5	SS400	Zinc Plated
501360504001	P180 Cable Protector Chain Link (R600)	180	600	140	6.6	3	321.5	SS400	Zinc Plated
501360504002	P180 Cable Protector Chain Link (R700)	180	700	140	6.6	3	321.5	SS400	Zinc Plated

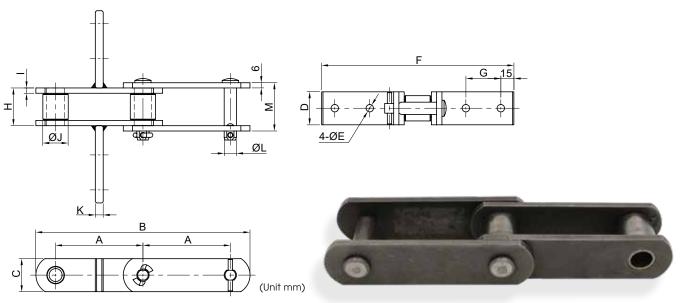


▲ The illustrated images are application examples.

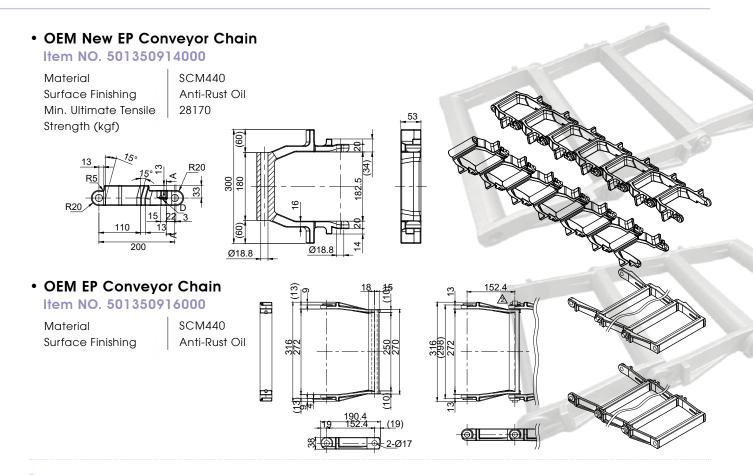
Item NO.	Description	А	В	С	D	Е	F	G	Н	Material	Surface Finishing
50610440003	P250 Cable Protector Chain Link (R350)	250	350	220	6.4	3.2	469.5	39.95	26	SS400	Zinc Plated
50610440004	P250 Cable Protector Chain Link (R600)	250	600	220	6.4	3.2	469.5	39.95	26	SS400	Zinc Plated

Flight Conveyor Chains

This type of chains are suitable for conveying materials such as shells, blocks, granules, powder, and flakes.

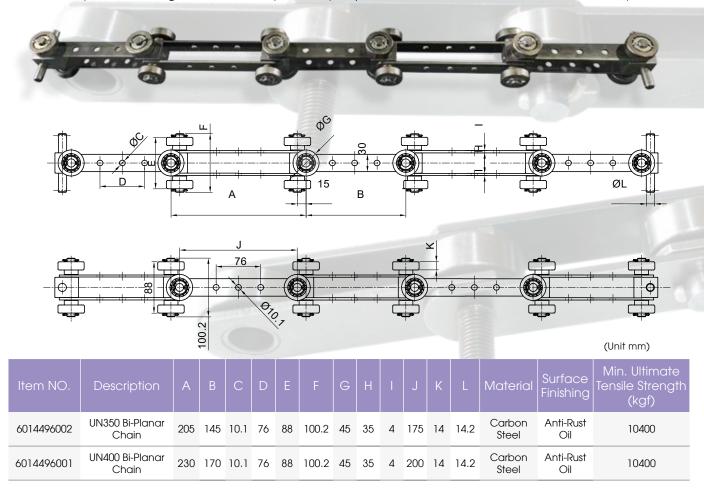


Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	J	K	L	М	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
50611890001	Machine Chain Pitch 100	100	245	38	38	8.5	220	40	43.2	6	29	9	14	55.2	SAE1045/ SS400	Anti-Rust Oil	14000
50611890013	Machine Chain Pitch 125	125	295	38	38	8.5	290	60	43.2	6	29	9	14	55.2	SAE1045/ SS400	Anti-Rust Oil	14000
50611890002	Machine Chain Pitch 150	150	345	38	38	8.5	290	60	43.2	6	29	9	14	55.2	SAE1045/ SS400	Anti-Rust Oil	14000



Bi-Planar Chains

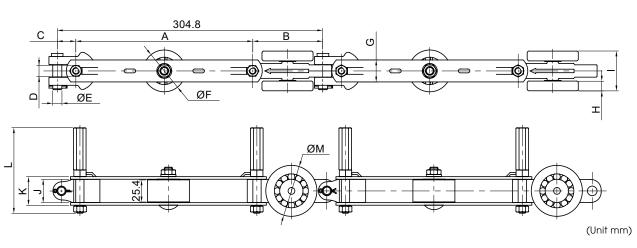
Our Bi-Planar conveyor chain is composed of high precision stamped chain plates. The pins are made from special steel alloy and combine with precision bearing units. We can adopt a variety of specifications and solutions to fulfill the customer requirements.



Bakery Chains

One of our environment specific chains is the Bakery Industry chain. It is designed to work in high temperatures and is moisture resistant. This design is suitable for carrying bread dough that is running on proofing and baking lines.





Item NO.	Description	А	В	С	D	Е	F	G	Н	ı	J	K	L	М	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)
50610020001	816 Backery Chain (Zinc Plated)	203.2	80.4	21.2	12.7	10.7	48.3	25.4	11.3	46	26.9	32.9	98.4	58.8	Carbon Steel	Zinc Plated	4400
50610020006	816 Backery Chain (Black Oxide)	203.2	80.4	21.2	12.7	10.7	48.3	25.4	11.3	46	26.9	32.9	98.4	58.8	Carbon Steel	Black Oxide	4400
50610020002	816 Backery Chain-Horizontal Dual Ball Bearing (Zinc Plated)	203.2	80.4	21.2	12.7	10.7	48.3	25.4	11.3	46	26.9	32.9	98.4	58.8	Carbon Steel	Zinc Plated	4400
50610020004	816 Backery Chain-Horizontal Dual Ball Bearing (Black Oxide)	203.2	80.4	21.2	12.7	10.7	48.3	25.4	11.3	46	26.9	32.9	98.4	58.8	Carbon Steel	Black Oxide	4400

• Backery Chain-Type 1

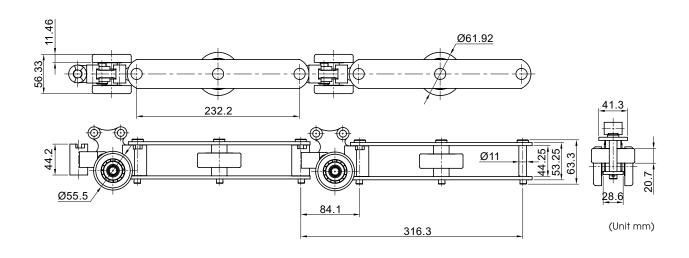
Item NO. 50132900001

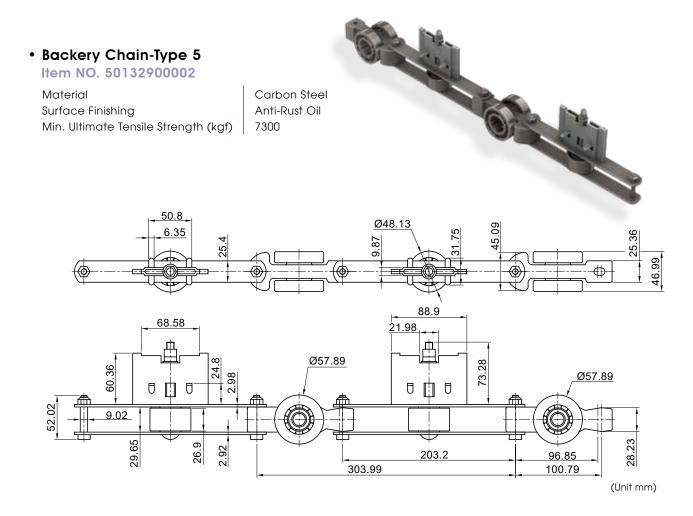
Material Surface Finishing

Min. Ultimate Tensile Strength (kgf)

Carbon Steel Anti-Rust Oil 8800

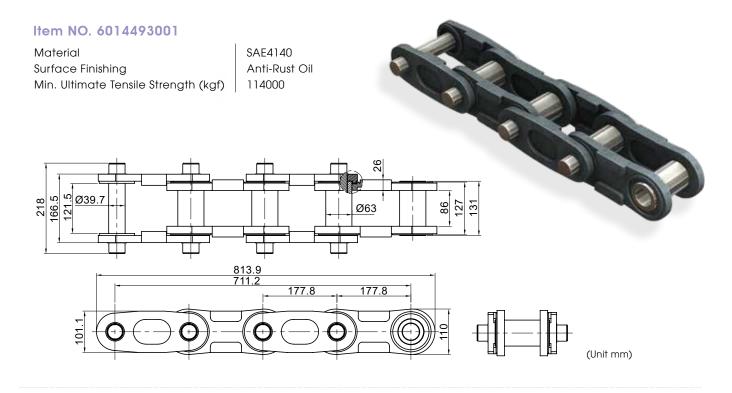






177.8 Bucket Elevator Chain

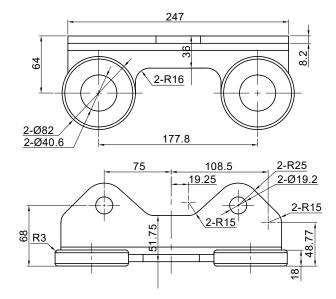
The 177.8 Heavy-duty chain is designed for excavator/bucket elevator systems that are suitable for heavy industrial sites such as mining and metal smelting. It can be utilized in all kinds of bucket conveyor and fllat conveyor equipments. In addition to meeting all of the industry tensile strength standards, we focus on delivering above the market results regarding wear resistance. The chains are composed hot forged outer chain plates, bush and solid pins. Our precision CNC machining on the outer chain plates guarantees a consistent mechanical oil seal across all components.



• 177.8 Bucket Elevator Chain L Attachment

Item NO. 501359A001

SAE1045 Anti-Rust Oil Surface Finishing





OEM & ODM Custom Made Chains

Floor Drag Conveyor Chains

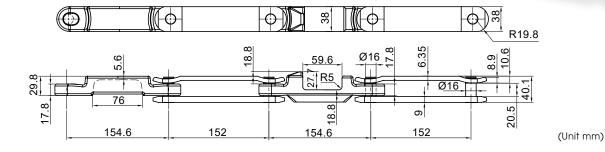
This Floor Conveyor Chain is well suited for ground-floor coveyor equipment. It can be designed to be completely level with the ground to facilitate the free passage of personnel while transporting equipment on the facility floor.

• P152 Floor Drag Conveyor Chain Item NO. 5013293007 SAE1045 Material Anti-Rust Oil Surface Finishing 652 152 152 4 2 Ø19 (Unit mm)

• P152 Floor Drag Conveyor Chain



Material Carbon Steel Surface Finishing Anti-Rust Oil



Mexico Chain (Horizontal Link)

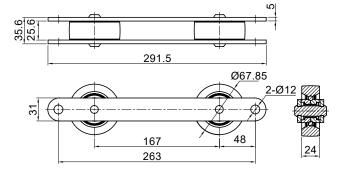
Item NO. 50610010009

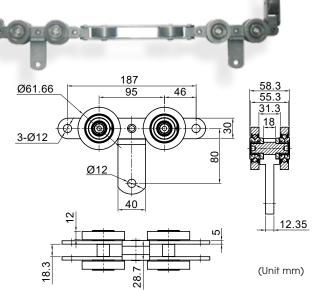
SAE1045 Material Surface Finishing Anti-Rust Oil

• Mexico Chain (Vertical Link)

Item NO. 50610010031

SAE1045 Material Surface Finishing Anti-Rust Oil







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