

YUH CHERN

Forging The Future

www.challengehardware.com.tw

Industrial Conveyor Chains

Double Flex Conveyor Chains





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ZUH CHERN

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 field of conveyor chains and related products.

Product Range

1 Enclosed Track
Conveyor Chains

2 Drop Forged Rivetless
Conveyor Chains

3 Industrial
Conveyor Chains

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

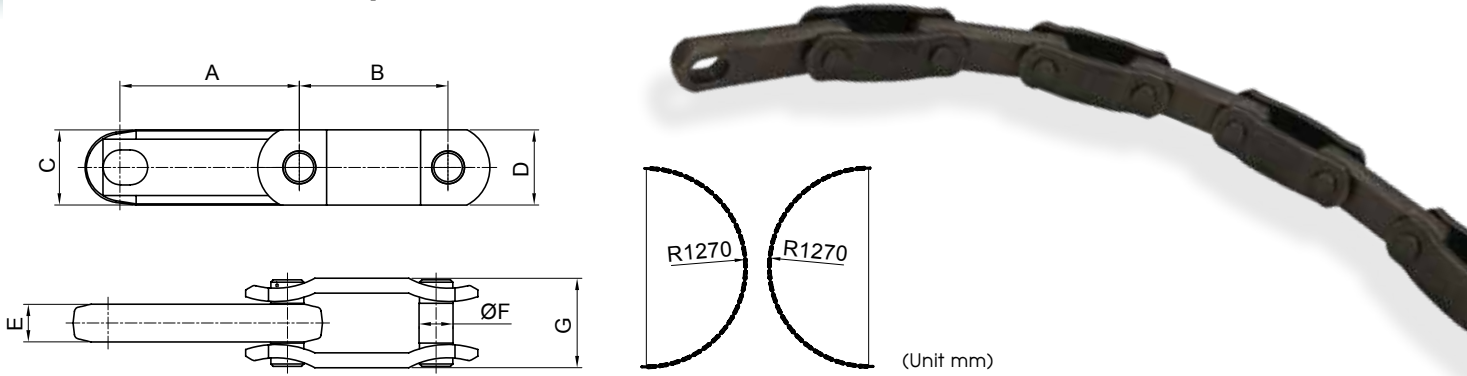
Through quality services and innovation, provide our customers with the most trusted and technologically advanced products.



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

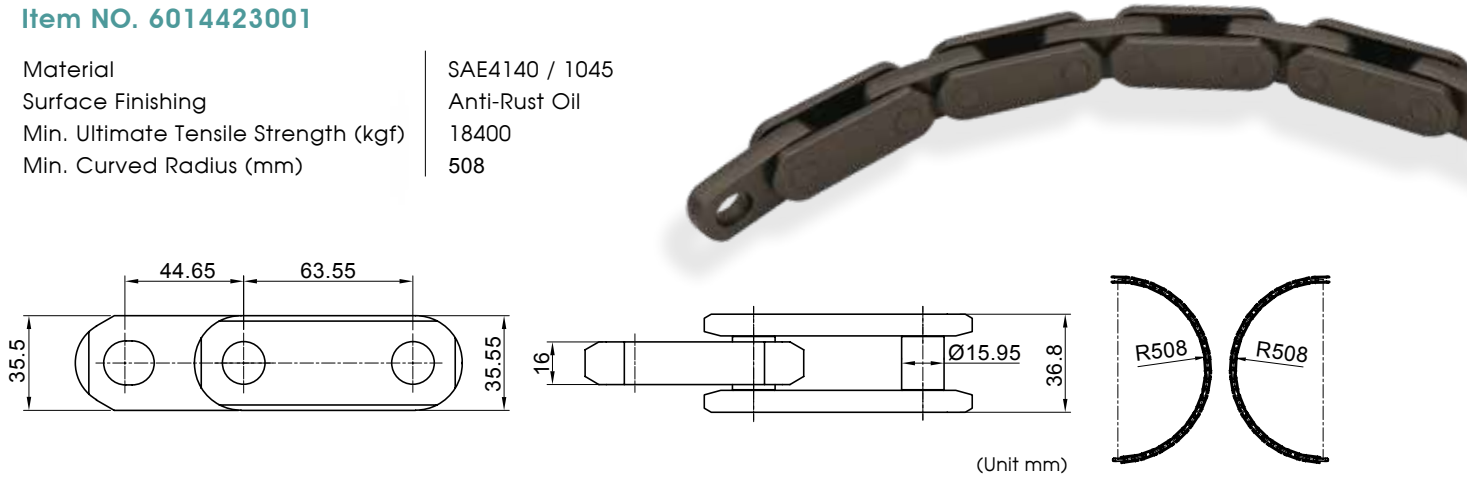


Item NO.	Description	A	B	C	D	E	F	G	Material	Surface Finishing	Min. Ultimate Tensile Strength (kgf)	Min. Curved Radius (mm)
6014413001	DF-3500 Double Flex Conveyor Chain	76.5	63.5	32	32	16.0	14.4	38.1	SAE4140 / 1045	Anti-Rust Oil	14500	1270
6014443001	DF-3914 Double Flex Conveyor Chain	79.8	79.4	32	32	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

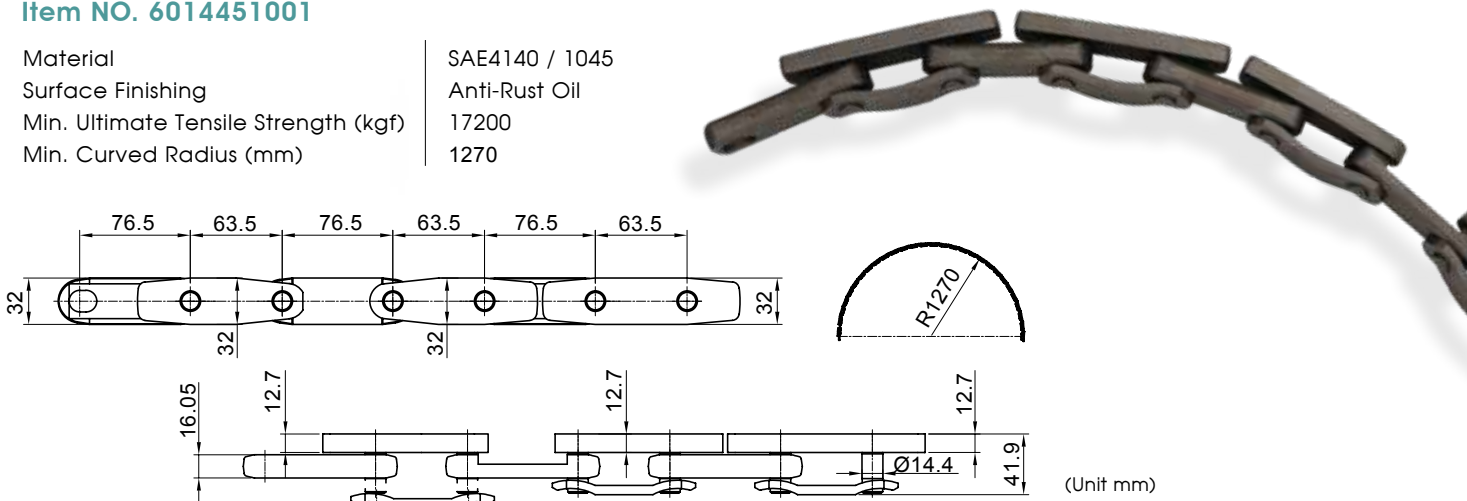
Material: SAE4140 / 1045
 Surface Finishing: Anti-Rust Oil
 Min. Ultimate Tensile Strength (kgf): 18400
 Min. Curved Radius (mm): 508



• DF-3511 Double Flex Conveyor Chain

Item NO. 6014451001

Material: SAE4140 / 1045
 Surface Finishing: Anti-Rust Oil
 Min. Ultimate Tensile Strength (kgf): 17200
 Min. Curved Radius (mm): 1270





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