





















# EPC (USA) WROT FITTINGS

Another quality product from Teck Leong Metals Pte Ltd

CALL NOW +65 6398 0020

www.teckleongmetals.com

 100RS	 100	 107C	 106
 101R	 118	 107L2	 106-2
 119-3	 117	 107L	 110
 138	 136	 102	 111
 103	 103-2	<p>As an authorised distributor of EPC products, Teck Leong Metals works closely with Elkhart Products Corporation to offer our customers an extensive range of EPC high quality copper fittings.</p> <p>EPC from USA, is part of Aalberts Industries N.V. and enjoys the distinction of being one of the world's largest manufacturers of wrot copper fittings.</p> <p><b>* COMPETITIVE PRICING *</b>  <b>* PROMPT DELIVERY *</b>  <b>* HIGHEST QUALITY *</b>  <b>* WIDE RANGE OF SIZES *</b>  <b>* GOOD SALES SUPPORT *</b></p>	
 104	 104-2		

## About Us

TLM has paved the way to introduce top quality products by setting up business ties with internationally reputable mills and manufacturers worldwide. We are the exclusive distributor for international products such as **EPC (USA) fittings** and **WILKO (KOREA) Copper pipes**.

Regular site visits and dialog sessions are conducted between TLM and our mill representatives to share expert insights on the latest product developments in the market. These sessions enable us to apply our expertise and knowledge to satisfy the most demanding challenges of present day quality conscious markets.

We will continue to upgrade and build-on our in-depth expertise to invest and introduce new product grades and range to better suit the diverse needs of our customers. We are fully equipped to provide the best service, timely deliveries and product quality at competitive prices for all and we aim to forge strong and long-term business ties with our valued customers.

That is our commitment to you.

## Why Us

- We are an ISO 9001:2008 Certified company and a statutory member of the S'pore Business Federation and S'pore Metal & Machinery Association.
- TrustSg Accredited.
- Leading stockist of only Top Quality Materials from reputable manufacturers worldwide.
- Offers Highly Competitive Pricing, Resourceful, Experienced and Efficient.
- Prompt Deliveries Tracked using GPS Technology.
- Excellent Customer Support and Valued-added services.



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# EPC (USA) CAST FITTINGS

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 4733	 4733-3	 4733-4	 4771
 4701R	 4703	 4704	 4712
 4707-5	 4707-3	 4707-4	 4735
 7107	 4707-3-5	 4707-4-6	 4749
 7101	 7104	<p>As an authorised distributor of EPC products, Teck Leong Metals works closely with Elkhart Products Corporation to offer our customers an extensive range of EPC high quality cast fittings.</p> <p>EPC from USA, is part of Aalberts Industries N.V. and enjoys the distinction of being one of the world's largest manufacturers of wrought copper fittings.</p> <p><b>* COMPETITIVE PRICING *</b>  <b>* PROMPT DELIVERY *</b>  <b>* HIGHEST QUALITY *</b>  <b>* WIDE RANGE OF SIZES *</b>  <b>* GOOD SALES SUPPORT *</b></p>	
 7103	 7111		

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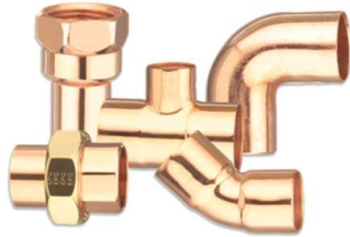
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- \* **COMPETITIVE PRICING** \*
- \* **PROMPT DELIVERY** \*
- \* **HIGHEST QUALITY** \*
- \* **WIDE RANGE OF SIZES** \*
- \* **GOOD SALES SUPPORT** \*

## Product Certification

Elkhart Products Corporation manufactures products which meet the following specifications:

- ASME B16.15 Cast Bronze Threaded Fittings
- ASME B16.18 Cast Copper Alloy Solder Joint Pressure Fittings
- ASME B16.22 Wrought Copper and Copper Alloy Solder Joint Pressure Fittings
- ASME B16.23 Cast Copper Alloy Solder Joint Drainage Fittings - DWV
- ASME B16.24 Bronze Pipe Flanges and Flanged Fittings
- ASME B16.26 Cast Copper Alloy Fittings for Flared Copper Tube
- ASME B16.29 Wrought Copper & Wrought Copper Alloy Solder Joint Drainage Ftgs-DWV
- MSS SP104 Wrought Copper Solder Joint Pressure Fittings
- MSS SP106 Cast Copper Alloy Flanged Fittings; Class 125,150 and 300
- MSS SP109 Welded Fabricated Copper Solder Joint Pressure Fittings
- MSS SP123 Non Ferrous Threaded & Solder Joint Unions For Use With Cu Water Tube

**EPC's Wrot Copper Solder Joint Fittings** are manufactured to comply with the material performance and installation/joining dimensions of ANSI B16.22-1995. The materials used to manufacture these fittings are also in compliance with the following specifications:

## Tubular Wrought Copper:

- ASTM B75 Alloy C12200, Standard Specification for Seamless Copper Tube, or.

## Products Made From Sheet:

- ASTM B152 Alloy C11000, Standard Specification for Copper Sheet, Strip, Plate and Rolled Bar.

## Cast Products:

- ASTM B584 Alloy C84400, Standard Specification for Copper Alloy Sand Castings for General Applications. Federal Specification WW-U-516 for Type 111, Class A and Class B Copper Alloy Unions.

## Fitting Material:

- Copper Alloy #122, Phosphorus Deoxidized-High Residual Phosphorus (DHP).

## Typical Chemical Composition:

- Copper: 99.9% Phosphorus: 0.015-0.40%

## Dimensions & Specifications:

EPC Welded fittings are produced in accordance with specifications shown in Manufactures Standardization Society (MSS) SP-109 for wrought copper & copper alloy solder-joint pressure fittings.

## Testing:

Each fitting is individually tested with air under water. The burst pressure of EPC welded fittings exceeds the recommended working pressure of comparable diameter, annealed, straight, seamless ASTM B88-96-A type L copper water tube by a safety factor of 4:1 or more.

## The Advantages of Wrot Fittings From EPC:

- **American Made, American Strong** – 50-year Manufacturer Warranty.
- **Reduced Installation Costs** - EPC Wrot Copper Fittings heat up more rapidly than cast and thus effect a savings in time and fuel.
- **Smooth Inside Surface** - Being fabricated from copper tube, EPC Wrot Fittings have no rough surfaces to collect waste or deter flow.
- **Full Flow Capacity** - EPC Wrot Fittings have the same inside diameters as the rest of the installation.
- **Wrot Copper** - The physical properties of copper tube from which EPC Wrot Fittings are made eliminate the danger of leakage from sand holes or poor castings.
- **Less Bulky than Cast** - This facilitates handling, particularly on prefab installations, yet EPC Wrot Fittings have the same strength as tube. This can also be a money saver on transportation costs.
- **More Rugged** - Due to fabrication processes, EPC Wrot Fittings are stronger and more rugged than tube with which they are used.
- **Priced Competitively** - EPC Wrot Fittings cost no more than their cast counterparts.
- **Neat Appearance** - In matching the colour and appearance of the tube, EPC Wrot Fittings contribute toward a neater and more workmanlike installation.
- **Accurate Pitch** - EPC Wrot Fittings are made with accurately machined dies which ensure the proper pitch required for installations.
- **Boxed and Labelled** - EPC Fittings are boxed in convenient quantities to facilitate handling and storage, and for protection against damage and dirt. Box contents are easily identified by bar coded, easy-to-read labels.



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