



THE CREATION OF AN INDUSTRY

In the mid 1940's, Cullen Crawford founded the Crawford Fitting Company. Mr. Crawford developed and patented the original flareless fitting (nut and two ferrule system), for the Crawford Fitting Company. Thus, a new and innovative industry was born making it far easier to make tubing connections. This reduces installation time and errors. Since his invention, End Users from all four corners of the globe have made billions of connections. This system provides leak proof seals and thus Mr. Crawford has been named "The founder of the flareless fitting."

SUPERIOR INNOVATION

Well known throughout the fitting industry, Mr. Crawford founded Tylok International, Inc. in the late 1950's. Upon request, Mr. Crawford designed a fitting to hold liquid sodium. Having designed and patented the original flareless fitting, who better to make an improved design? Mr. Crawford knew the problems better than anyone and, as a result, he developed and patented the Tylok Standard 4 Seal Tube Fitting, which eliminates problems inherent in his original design.

THE PRESENT

Mr. Crawford's legacy lives on through Tylok International. Manufactured in Euclid, Ohio, Tylok's unique design eliminates common installation problems and provides unparalleled sealing. All of Tylok's fitting lines are proudly made in the U.S.A.

FITTING LINES

Tylok International, Inc., presently offers three fitting lines CBC-Lok (double ferrule) & CS-Lok (single ferrule) industry standard designs and the *Tylok Standard 4 Seal Tube fitting*, a unique and proprietary line based upon Mr. Crawford's improved design.

CBC-Lok® Tube Fittings are completely interchangeable with tube fittings of Swagelok® and Parker A-Lok®.

CS-Lok® Tube Fittings are completely interchangeable with tube fittings of Parker CPI®.

THE FUTURE

The Tylok Design & Development Team is continuously working on new products and designs. As a result, our product lines constantly grow to help service our Customers.

CUSTOMER CARE

At Tylok, we strive for total satisfaction of our Customers. Your inquiries will be responded to within 24 hours. Our team features a knowledgeable staff to answer your questions quickly. We have the ability to make special items for you at a reasonable price, with fast delivery. Fast delivery is key to your success. Realizing this, delivery is constantly being measured via our ISO 9001:2000 Quality Management System. Our goal is to ship all products from stock to keep you running.

At Tylok, your Total Satisfaction is our business.

REGISTRATIONS & TYPE APPROVALS



ISO 9001:2000
Certificate # 012106



Certificate No. 00-C14740-X

**(Manitoba)
Canadian**

Registration Number
Certificate No. OA6247.4
& OC6248.4

CBC-LOK® TUBE FITTINGS

CBC-Lok® Tube Fittings are fully interchangeable with Swagelok® and Parker A-Lok®.

It features:

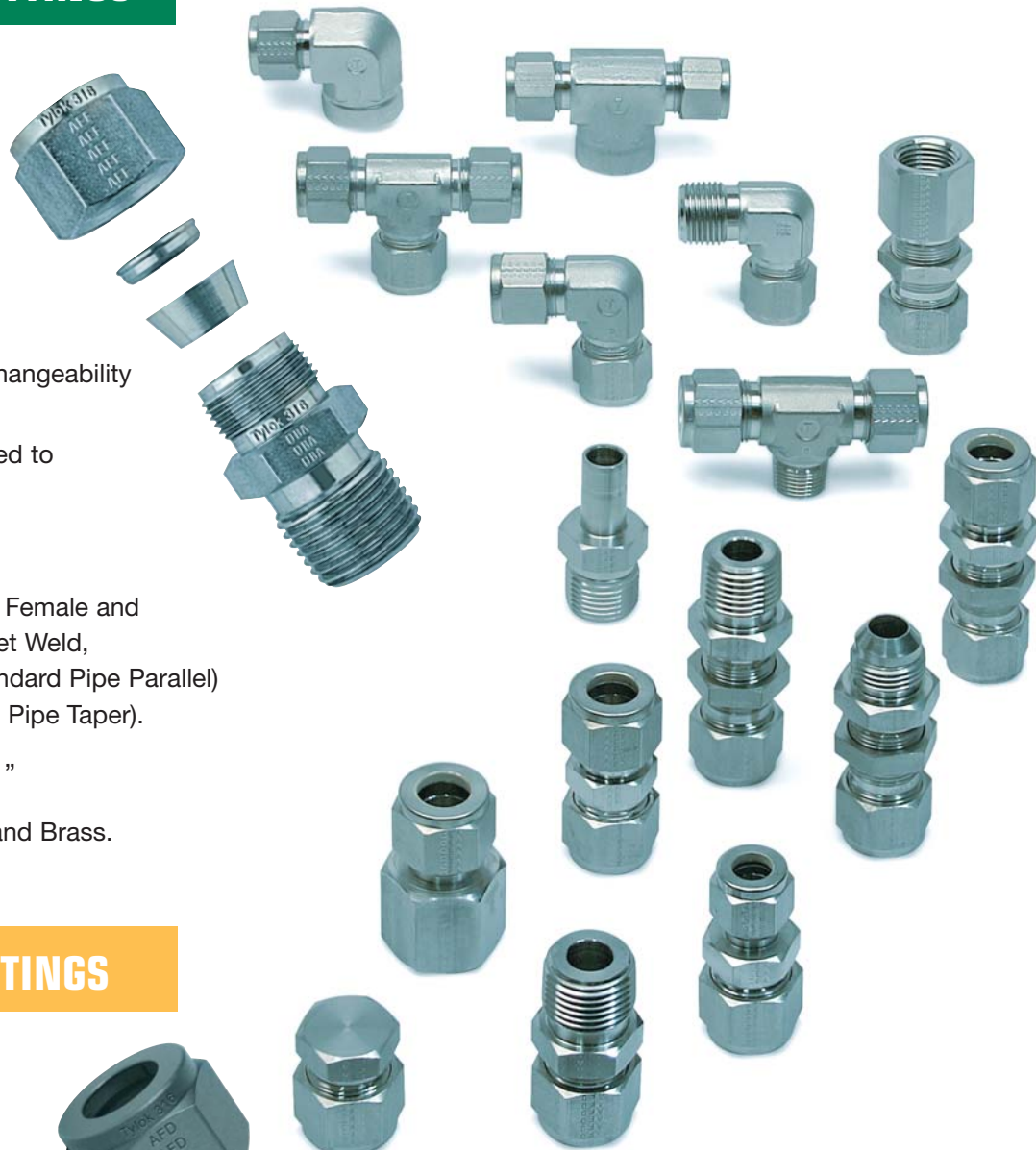
- Double collet (ferrule) swaging action
- 2 Positive seal points
- Total component interchangeability with competition
- Ty-Cor™ process applied to rear collet (ferrule)

Typical ends include:

Instrumentation Tube ends, Female and Male NPT, Butt Weld, Socket Weld, 37° flare, BSPP (British Standard Pipe Parallel) and BSPT (British Standard Pipe Taper).

Sizes: Fractional: 1/16" – 1"

Materials: Stainless Steel and Brass.



CS-LOK® TUBE FITTINGS

CS-Lok® Tube Fittings are fully interchangeable with Parker CPI®.

It features:

- Single ferrule swaging action
- Total component interchangeability
- More tolerant of vibrations
- Heat Code traceable
- ASTM material construction
- Corrosion resistant 316 Stainless Steel Ferrule



CS-Lok and CBC-Lok Tube Fittings are available in all of the configurations shown above.

Typical ends include: Instrumentation Tube ends, Female and Male NPT, Butt Weld, Socket Weld, 37° flare, BSPP (British Standard Pipe Parallel) and BSPT (British Standard Pipe Taper).

Sizes: Fractional: 1/16" – 1"

Materials: Stainless Steel.

BALL VALVES

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TY-FLO® BALL VALVES (Series 4, 6 & 8)

Standard seats are Kel-F® and standard seals are Viton. Other materials available upon request. Operating pressure ranges up to 1,500 PSI with TFE seats, up to 5,000 PSI with Kel-F® seats. All valves are individually tested.

- Reliable, simple operation for on-off service
- Fast acting, one quarter turn fully open to fully closed
- Corrosion resistant
- Maximum performance, straight through flow for minimum turbulence and pressure drop
- Positive leak tight shut off, even with fluctuating pressures
- Panel mounting capabilities

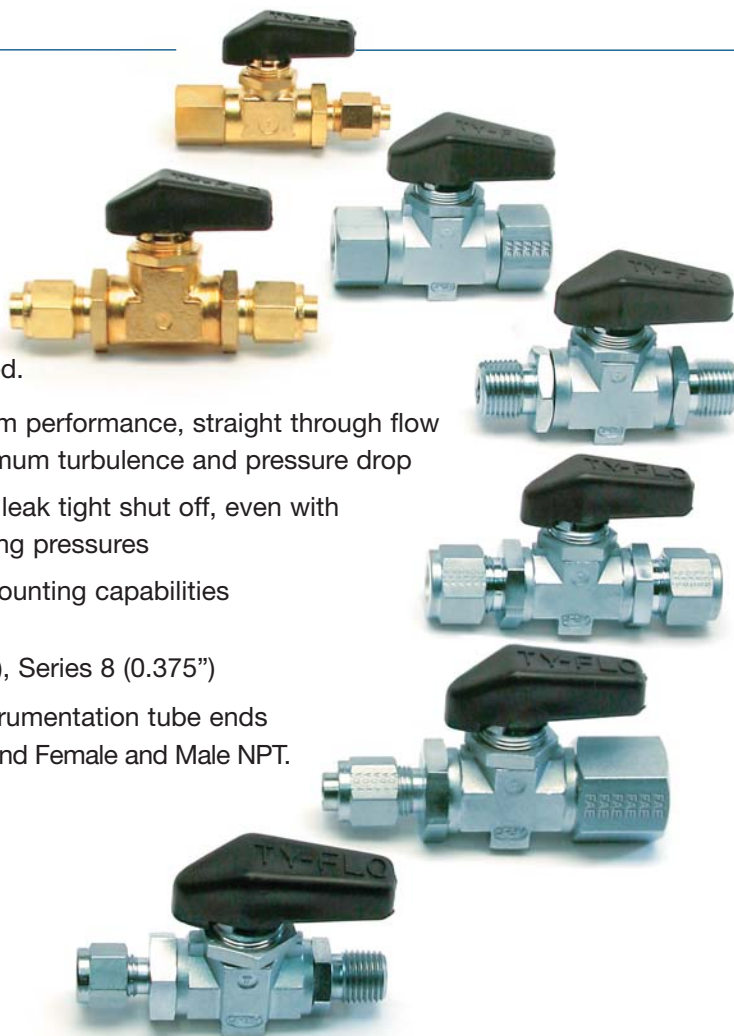
Orifice Sizes: Series 4 (0.188"), Series 6 (0.250"), Series 8 (0.375")

Typical ends are offered in any combination: Instrumentation tube ends (CBC-Lok®, CS-Lok® or Tylok Standard Tube ends) and Female and Male NPT.

Sizes: Fractional: 1/16" - 1"

Metric: 6mm - 16mm

Materials: Stainless Steel, Brass and Steel.



TY-FLO® 3 PIECE BALL VALVES

Valves feature:

- 3 Piece, 8-bolt construction provides superior high pressure performance and ASME B16.34 compliance
- Fire safe to API 607 4th Edition & ISO 10497
- ISO 5211 4-Bolt actuator mounting pad
- API 608 compliant
- NACE MR01-75 Rev 2000 compliant
- Standard 304SS latch lock handles
- Standard ASTM A193 grade B8 stainless bolts
- TFM seats provide superior high temperature performance and chemical resistance
- PEEK seats and seals available

Typical ends include: Instrumentation Tube ends (CBC-Lok & CS Lok), Female and Male NPT, Clamp, Butt Weld & Extended Butt Weld, Socket Weld, IPS Butt Weld Schedule 5, 10 & 40, Raised Face Flange 150# & 300#, etc.

Sizes: Fractional: 1/16" - 1". Other sizes available upon request.

Materials: Stainless Steel, Brass and Steel.

Options: Electro Polish, 240 Grit & 320 Grit, Purge Port Ends, Cleaned for Oxygen Service, Oval Handle, Silicon Free.



PIPE FITTINGS

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Tylok Pipe Fittings are offered in popular configurations such as reducing adapters, reducing bushings, pipe unions, elbows, tees, crosses, etc.

Fittings are manufactured to the same high quality standards as other Tylok Fittings. Each fitting is thoroughly cleaned to eliminate system contamination and features an attractive surface finish to enhance the appearance of modern scientific instrumentation and equipment.

Fittings are manufactured from materials meeting applicable ASTM or ASME specifications, with pipe threads which meet or exceed ANSI B1.20.1 requirements. Strict quality control procedures are followed throughout production.

Pipe thread connections are very common in today's industry. They are relatively easy to work with because of the common sizes and dimensions throughout manufacturing. It is important to use a thread sealant. These products range from pipe "dopes" to teflon tape, all of which can be purchased through your local Tylok Distributor.

Sizes: Fractional: 1/16" – 1"

Materials: Stainless Steel, Brass and Steel.
Additional materials available upon request.



MANIFOLD & NEEDLE VALVES

MANIFOLDS AND NEEDLE VALVES

2, 3 & 5 Valve Manifolds (Forged and Bar Stock), Distribution Manifolds, Double Block and Bleed Valves, Needle Valves, Condensing Pots (Welding and Integral), Air Distributors.

Manifolds

- 2, 3 & 5 Valve designs
- Available in remote or direct mount design
- Bonnets are locked to prevent accidental disengagement from body
- Standard packing Teflon or Graphoil
- Sour gas service available
- Valve tip features self-centering for sure seal every time
- 6,000 PSI standard rating, 10,000 PSI available

Needle Valves

- 6,000 PSI standard rating, 10,000 PSI available
- Bar stock valves in either straight or angle pattern available
- CBC-Lok® Compression ends size range 1/8" – 1"
- FNPT, MNPT end size range 1/4" – 1-1/2"
- Valve tip features self-centering for sure seal every time

Materials: Stainless Steel, Brass and Steel.





Our History

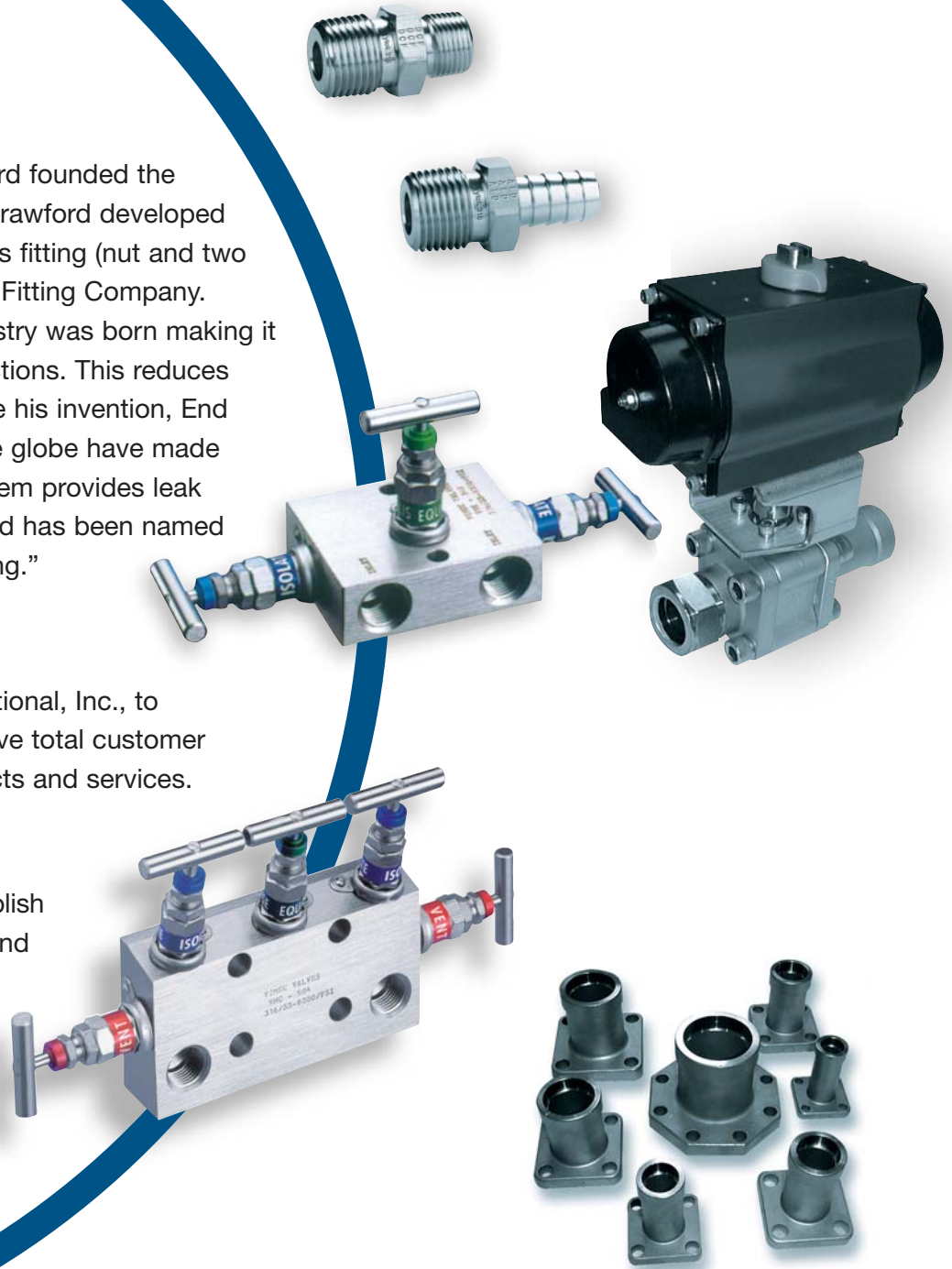
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Our Mission

It is our mission, at Tylok International, Inc., to continuously strive for and achieve total customer satisfaction with both our products and services.

Our Goal

Tylok's aggressive goal is to establish ourselves as an industry leader and expand our market share. This is maintained in every department within the organization. Our "total effort" will guard against losing the personal touch that makes our business enjoyable and prosperous for all involved.



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