

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® double ferrule tube fittings are completely interchangeable with tube fittings of Swagelok® and Parker A-Lok®.

CS-Lok® single ferrule 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 9001:2008

ISO 9001



Canadian Registration



TUBE FITTINGS

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, Brass and Steel.

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

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, Brass and Steel.



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

TY-FLO® HP SERIES BALL VALVES

Standard seats are PCTFE and standard seals are Viton. Other materials available upon request. Operating pressure ranges up to 1,500 PSI with PTFE seats, up to 5,000 PSI with PCTFE 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: 1/8" - 3/4"

Materials: Stainless Steel and Brass.



TY-FLO® 3 PIECE BALL VALVES

Valves feature:

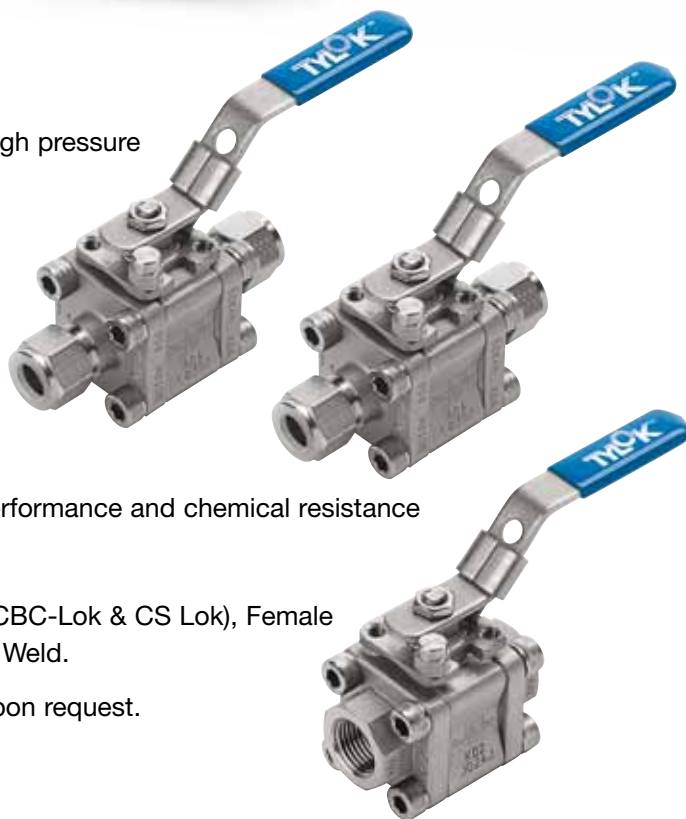
- 3 Piece, 8-bolt construction provides superior high pressure performance and ASME B16.34 compliance
- Fire safe to API 607 4th Edition & ISO 10497
- ISO 5211 4-Bolt actuator mounting pad
- API 608 compliant
- NACE MR01-75 Rev 2000 compliant
- Standard 304SS latch lock handles
- Standard ASTM A193 grade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

Typical ends include: Instrumentation Tube ends (CBC-Lok & CS Lok), Female and Extended Butt Weld and Extended Pipe Socket Weld.

Sizes: Fractional: 1/4" – 1". Other sizes available upon request.

Materials: Stainless Steel

Options: Cleaned for Oxygen Service, Oval Handle.



FITTINGS

PIPE FITTINGS

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.



PLUG VALVES

NEEDLE VALVES AND PLUG VALVES

Needle Valves

- 10,000 PSI standard rating for Stainless Steel & Steel (6,000 PSI standard for Brass)
- Straight or angle flow patterns available
- Hard (Vee) or Delrin® Soft Seat/Tip

Handles: Standard metal "T", mini "T", round knurled, plastic phenolic.

Typical ends include: Instrumentation Tube ends (CBC-Lok® & CS-Lok®) and Female & Male NPT.

Sizes: Fractional: 1/8" – 1/2"

Materials: Stainless Steel, Brass and Steel.

Seal Materials: Vitron, EPDM, Kalrez, Teflon, Grafoil.

Options: Panel mount.

Plug Valves

- Working pressures up to 3000 psig (206bar)
- Fast acting, one quarter turn fully actuates the valve
- Forward-flow throttling

Sizes: Fractional: 1/8" – 3/8"

Materials: Stainless Steel





Our History

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."

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.

INSTRUMENTATION TUBE FITTINGS

CBC-Lok®

CS-Lok®

Tylok Standard

PIPE FITTINGS

WELD FITTINGS

BALL VALVES

Ty-Flo® HP Series

Ty-Flo® 3 Piece

TY-FLO® NEEDLE VALVES

PLUG VALVES

QUICK CONNECTS

FLEXIBLE METAL HOSE



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