

Surelock™ Couplings



Applications

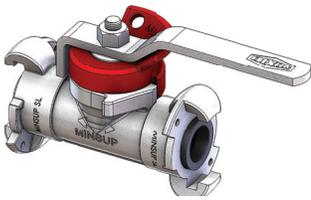
- Multi-purpose coupling for water and air, commonly used in construction and mining; excels in services where ease, economy, safety and speed are paramount.

Features

- Pressure activated gasket allows for easy coupling (less than 15 lbs. of force is required to connect the coupling gaskets seal upon introduction of line pressure)
- Working pressure: **200 PSI** at ambient temperature **70°F (21°C)**
- Body: SG iron AS1831 400-250-12
- Bellow seal: natural rubber (patent pending), other seal material available upon request
- Safety pin is supplied with each coupling and is required as a safety precaution



MINSUP™ Econovalves



The Econovalve series of ball valves are solidly constructed and designed for rugged service such as the mining and construction industries. The unique one piece ball and stem provides positive on/off action with no slacks and no leaks.

Specifications

- Body: spheroidal graphite cast iron to ISO 1083-1987; 400-250-15 SGI
- Seals: nitrile butadiene
- Handle: 1½" - 2" have spheroidal graphite cast iron to ISO 1083-1987 handles. ¾" and 1" have pressed mild steel handles
- Ball and stem: spheroidal graphite cast iron to ISO 1083-1987; copper chrome plated to AS1192. ¾" and 1" are top-loading making in-line maintenance easy
- Bolts: hex, M10 x 1.5 x 90, grade 8, black
- Nuts: hex, M10 x 1.5, grade 8, zinc plated
- Valve bodies currently have a grey dip finish, new production will be transitioning to zinc plating

Mining Fittings



Applications

- Mining fittings are designed for underground air and water service

Features

- Metal to metal taper seat, zinc plated steel
- Available with standard hex nut or iron wing nut

In-Line Lubricator FNPT



Use

- To adjust lubricator oil flow remove the plug. Using a small screw driver turn the jet clockwise to decrease flow, or counter-clockwise to increase flow. When adjusted correctly the spray of oil exhausting should cover an area of 10- 12" in diameter when held 18" away from the subject.

Installation

- To ensure proper operation the lubricator should be installed within 10 feet of the tool to be lubricated.

Cam & Groove



Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon® products.

Style offered

- Dixon® type C couplers
- EZ Boss-Lock™ type C couplers
- Dixon® type E adapters
- Global type C couplers
- Global type E adapters

Applications

- The Dixon Cam & Groove coupling is a quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids, dry bulk materials and vapours.

Materials

- 356T6 aluminum, brass, 316 stainless steel, unplated ductile iron

Features

- Leak proof connection
- Easy to use – no tools required

Options

- Male & Female NPT threads
- Hose BARB

Sizes

- ½" - 8"

Sleeves and Ferrules



Styles offered

- Sleeve (1", 1¼", 1½", 2", 3", 4", 6")
- Ferrule (1", 1¼", 1½", 2", 3", 4", 6")

Materials

- Carbon steel
- 304 stainless steel
- Aluminum (1", 1¼", 1½" and 2" sleeves)

For a complete listing of products in the King Crimp™ system please visit canada.dixonvalve.com. Contact Dixon Group Canada Limited at 800.355.1991 for specific crimp recommendations.

King Cable™



Applications

- Must be installed in the extended position (no slack)
- Cable reaches across hose fittings to provide standby safety for hose
- spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose
- No tools needed - easy to install and remove
- Cables shipped with safety restraint labels attached
- Highly resistant to rust and corrosion
- Hose-to-hose or hose-to-rigid outlet
- Maximum operating pressure: 200 PSI
- Minimizes damage to equipment and injuries to operators in the event hose, couplings or clamps fail, or there is an accidental separation of the assembly

Materials

- For WB1, WB3, WA2, WA4, WSR1, WSR3, WSR2, WSR4, WSR1C, WB1C, WSR1E:
wire rope: galvanized carbon steel
ferrules: aluminum
springs: galvanized carbon steel
- For WB1SS, WA2SS, WSR1SS, WSR2SS:
wire rope: 304 stainless steel
ferrules: copper
springs: 304 stainless steel
- For WA2B:
wire rope: galvanized carbon steel
ferrules: copper
springs: galvanized carbon steel

King™ Safety Whipsocks



Applications

- Ideally suited for applications where the media being transferred is under higher working pressures such as air, water, hydraulic and slurry

Features

- King™ Safety Whipsocks keep the hose under control in the event of a high-pressure hose assembly failure.
- Dual anchor points secured beyond the fittings eliminate hose whip
- Be sure the anchoring points are rated for the application
- Galvanized steel woven stockings extend down the hose to grip securely over a larger area preventing whip, abrasion and wear
- Securing both eye-to-rigid or eye-to-eye anchor points reduce whip in the event of a hose connection failure
- Contact Dixon Group Canada Limited with questions regarding working pressure, available options or custom configurations



Materials

- Wire rope: galvanized carbon steel
- Ferrules: aluminum

VALVES



Applications

- A range of general purpose valves such as; ball, diaphragm, butterfly and check valves suitable for mining applications.

Body Material

- 316 stainless steel
- Brass and ductile iron

Features

- Lockable options

Options

- BSP, flanged and shouldered connections available

Sizes

- ½" - 8"

FlowMAX fluid management



Applications

- Designed for onsite refueling of construction, mining, forestry and agricultural equipment.

Materials

- Anodised aircraft grade aluminium
- Stainless steel

Features

- Colour coded for quick & easy identification
- Provides protection against cross contamination
- Interchangeable with industry standard

Options

- Nozzles
- Receivers
- Connectors

Sizes

- Nozzles 1" - 2"
- Fittings ½" - 1"

Rapp-it Pipe Repair Kit



The Rapp-it Pipe Repair System includes a woven fiberglass bandage impregnated with water-activated resin and a 90mm stick of Rapp-it Steel Putty. Rapp-it is ideal in emergency situations; it is simple to apply and can save you \$1000's in costly downtime.

Applications

- Temporary/emergency pipe repair on leaking or damaged pipes

Use

- Wrap tightly around leaking/damaged pipe. For best results, the completed bandage application should be no less than 10mm thick (12-15 wraps). Difficult or large applications may require multiple bandages.

Specifications

- Both Rapp-it Bandage and Rapp-it Steel Putty are compliant with Australian Standard (AS/ NZS 4020:2005).
- Rapp-it Steel Putty is compliant with the equivalent US Standard, NSF 61

Rapp-it Pipe Repair Display



Applications

- On-site emergency pipe repair in varied industrial applications: mining, processing, oil and gas, petrochemical, manufacturing, marine, and agricultural industries; for use with steel, polypipe, PVC, fiberglass, or copper

Features

- No mixing or measuring required; easy to apply
- Quickly contains leaking substances, keeping a workplace safe
- Tenacious bond: 5 to 10 min.; functional cure: approx. 30 min.
- Suitable for use on acid lines, gas, most diluted chemicals, sea water, fuels, and oil
- Resistant to hydrocarbons, ketones, esters, alcohols, halocarbons, aqueous salt solutions, and dilute acids/bases
- Suitable for wet or dry pipe: apply under fresh and saltwater

Materials

- Bandage: woven fiberglass
- Resin: water-activated polyurethane resin

Specifications

- Pressure resistance up to 360 PSI (2,500kPa)
- Shore D hardness at full cure (24 hours): 80 durometer
- Lap shear tensile strength on steel (1" x 1" x 1/16"): 400kg (6.2MPa)
- Compressive strength: 8,000 PSI (55 MPa)
- Temperatures:
 - Continuous -40°F to 250°F (-40° to 121°C)
 - Intermittent -40°F to 300°F (-40° to 149°C)
 - Heat resistance: 300°F (150°C)
- Display box must be assembled by customer

Approval

- NATO Certification 4730-66-1257893

Clamps



Applications

- A range of general purpose band clamps and tools suitable for mining applications.
- K series band clamp 300 series stainless steel
- F series band clamp 300 series stainless steel
- Ultra-Lok Band clamp 201 stainless steel
- Band & buckles 201 stainless steel



T-Bolt Clamps

Features

Style TBC

- Can be applied with a standard 7/16" socket wrench
- 3/4" wide, .025" thick, 300 series stainless steel band
- Alloy steel bolt, torque rating: 70 in/lbs
- Not for use with pneumatic tools



Style STBC

- Can be applied with a standard 7/16" socket wrench
- 3/4" wide, .025" thick, 300 series stainless steel band
- 300 series stainless steel bolt, torque rating: 50 in/lbs
- Not for use with pneumatic tools



Heavy Duty T-Bolt Clamps

Features

- Can be applied with a standard 1/2" socket wrench
- 7/8" wide, .040" thick, 300 series stainless steel band
- Style HTBC carbon steel bolt, torque rating: 150 in/lbs
- Style HSTBC 300 series stainless steel bolt, torque rating: 150 in/lbs
- Not for use with pneumatic tools



OUR VALUE PROPOSITION

Dixon is committed to delighting our customers by being the easiest company they do business with every day.

HIGH QUALITY SOLUTIONS FOR SAFE RELIABLE PERFORMANCE

Dixon designs and manufactures just the right solution to meet those special fluid transfer challenges where a standard product just won't do.

The difference boils down to commitment. It's called Uncommon Excellence™ – and we've been living it for over a century.

