

CONNECTING PARTS

Styles and designs of connectors are limited to an engineer's imagination. Generally connectors are made from steel or brass with zinc or nickel plating. Stainless steel, certain high strength or corrosion resistant materials, and even plastic connectors are available. We have a complete Machine Shop to produce any connector part in virtually any material.

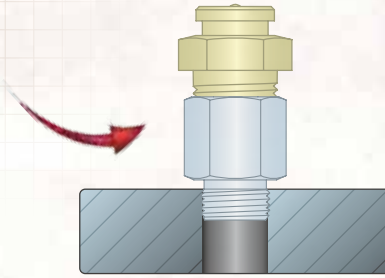


ADAPTERS

An adapter is used in applications where one thread pitch needs to be "adapted" to a more compatible thread pitch for a new grease fitting or other mating part.

ADAPTERS ARE AVAILABLE IN MALE TO MALE, MALE TO FEMALE AND FEMALE TO FEMALE.

ADAPTERS FEATURE TWO DIFFERENT THREAD PITCHES AND ARE USED TO CONNECT DISSIMILAR THREADS.



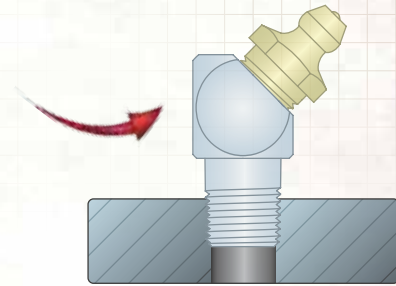
ELBOWS



Elbows are angled connectors used to plumb and make turns around obstructions. They usually have a male and female end.

AVAILABLE IN 45° AND 90° ANGLES.

AN ELBOW IS A CONNECTING PART THAT IS INSTALLED TO ALLOW A CHANGE OF DIRECTION FOR EASIER ACCESS TO THE LUBRICATION POINT.

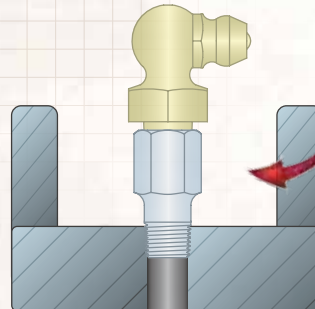


EXTENSIONS



Extensions are used when a grease fitting needs to "extend" out of a crevice to a more accessible service placement. Extensions have the same thread pitch on both ends (male and female.)

EXTENSIONS ARE AVAILABLE IN STRAIGHT (AS SHOWN) AND ANGLED.



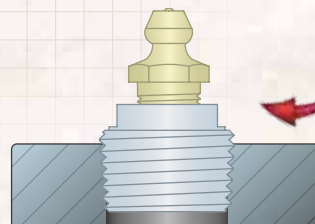
THIS PART IS USED TO EXTEND A GREASE FITTING TO A MORE ACCESSIBLE SERVICE AREA USING THE SAME THREAD PITCH.

BUSHINGS



Reducer bushings are threaded adapters. Bushings functionally decrease the size of a threaded hole. They are commonly used to replace stripped threads or for retrofitting smaller components into larger holes.

CUSTOM DESIGNS AVAILABLE BY REQUEST.



BUSHINGS ARE THREADED ON BOTH THE INSIDE AND OUTSIDE AND ARE USED FOR JOINING PARTS WITH DIFFERENT DIAMETERS TOGETHER.

DESIGN AND USE

Connectors provide multiple opportunities to make grease fitting lubrication an easier and more efficient process. By understanding the types and styles of connectors, an engineer or operator can better optimize machine time and performance. Please note that our in-house Machine Shop can make nearly any connector in any material, so please contact our Sales Team for a quote if there is something you need that is not listed in this book.

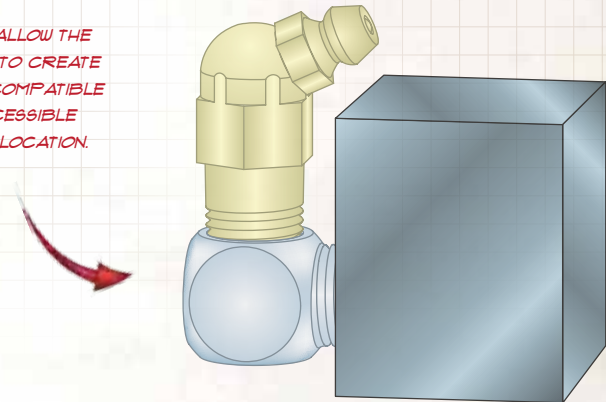
REPOSITIONING

By utilizing a connector, the lubrication point can be moved around or above the machinery or application to create a more compatible service location.



LET OUR IN-HOUSE MACHINE SHOP
MAKE YOUR CUSTOM CONNECTOR.

ELBOWS ALLOW THE
ENGINEER TO CREATE
A MORE COMPATIBLE
OR ACCESSIBLE
SERVICE LOCATION.

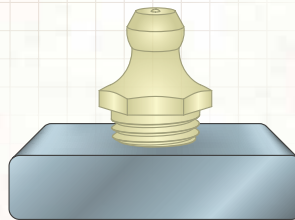


COST REDUCTION

By adding a connector to your application you may save money. It may sound counterintuitive, but the costs of the connector and commonly used fittings are sometimes less expensive than a rare and costly replacement part. In addition, by unifying common replacement parts in an application, there is less risk of damage while servicing.

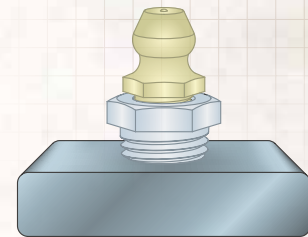
METRIC ADAPTERS ARE
FOUND ON PAGE 67.

METRIC FITTING



UNCOMMON & EXPENSIVE

METRIC ADAPTOR & IMPERIAL FITTING



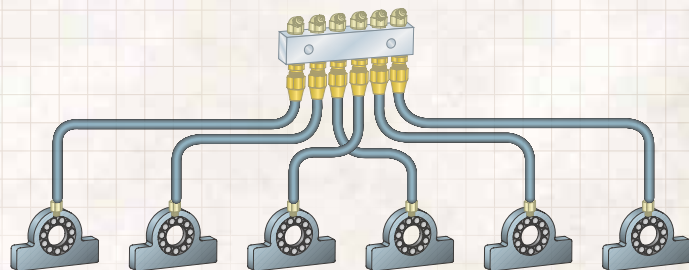
COMMON & COST EFFECTIVE

SOMETIMES THE COST OF A TWO PART DESIGN USING A COMMON FITTING IS
LESS IN THE LONG RUN THAN USING A SINGLE COSTLY, UNCOMMON PART.

CONSOLIDATION

Header blocks are commonly used to consolidate multiple service locations to a single site. These connectors use tubing that converges back to a single service point. This single point of lubrication is commonly referred to as a header block.

USE A HEADER BLOCK TO
CONSOLIDATE MULTIPLE SERVICE
LOCATIONS TO A SINGLE POINT.



CONNECTING PARTS AND PIPE PLUMBING CAN BE USED TO CREATE
ONE LUBRICATION SERVICE AREA THUS SAVING YOU TIME AND MONEY.