

Uni-Seals Product Catalog

Category: Hardware



UNI-SEALS

Unimax Seals Company Limited

www.uniseals.com

Index

Hardwares

TR9000	Threaded rod	2
TS9000	Threaded stud	2
NT9000	Heavy hex nuts	2
GR9100	Gasket ring	3
BS9050	Bonded seal	4
PS9000	Stamped parts	5
PL9000	Lathed parts	6

Maintenance Tools

TL0310	Packing extractor	7
---------------	--------------------------------	----------

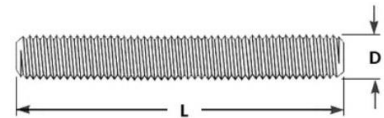
Fasteners



Unimax supplies various kinds of high quality threaded rods, studs, bolts, nuts, washers and other fasteners for use in a variety of applications and industries such as energy, automotive, plumbing, electrical, heavy construction, telecom, food service, etc. The products could be made as per different international industrial standards, such as ASME, DIN, ISO, GB, JS, BS etc.

TR9000 Threaded rod

Threaded rod refers to a straight, relatively long fully-threaded metal rod, where the thread extends the complete length of the rod. It could be used with standard nuts and washers and may be used in standard stock lengths or cut to the length required.



They are available in a variety of materials, finishes, threads and sizes.

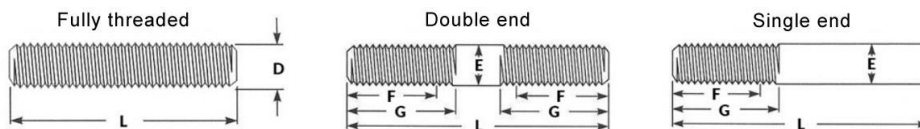
The normal finishes include: hot dip galvanized, Zinc plated, yellow Zinc plated, black oxide, etc.

TS9000 Threaded stud

A stud is a steel rod that has threads on both ends (double-end), threads on one end (single-end) or continuous threads that run the full length (fully-threaded / continuous thread). Threaded studs are stronger than normal headed bolts because they are forged and cast into one shape as a solid metal unit.

They are available in a variety of materials, finishes, threads and sizes.

The normal finishes include: hot dip galvanized, Zinc plated, yellow Zinc plated, black oxide, etc.

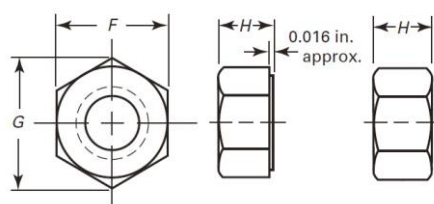


NT9000 Heavy hex nuts

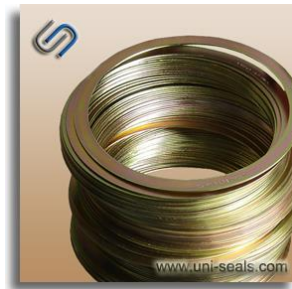
ASTM A194 Grade 2H Nuts are manufactured from carbon steel in accordance with ASTM A194 specification. The nuts are in hexagonal shape, and in accordance with the dimensions for the heavy hex series as required by ANSI B 18.2.2.

The nuts could be produced in a variety of finishes, such as: hot dip galvanized, Zinc plated, yellow Zinc plated, black oxide, etc.

Heavy Hex Nuts



Gasket Ring



GR9100 Gasket ring

Punched or machined from solid metal sheet in round shapes and then processed for inner and outer ring of spiral wound gasket.

GR9101 Inner ring for SWG

The outer diameter of each gasket ring is ready chamfered, for directly assembly of spiral wound gaskets.

GR9102 Outer ring for SWG

The inner diameter of each gasket ring is ready grooved, for directly assembly of spiral wound gaskets.

Dimensions:

According to ASME, BS, JIS and DIN standards, etc. Special sizes and shapes are also available upon request.

Materials:

Carbon Steel, with or without zinc coating;

SS304, SS304L, SS316, SS316L.

Other materials are also available upon request.

Bonded Seal



BS9050 Bonded seal

The bonded seal comprises a metal washer and an elastomeric ring bonded inside the diameter. The metal washer prevents over-compression and limits deformation of the elastomeric ring. It is primarily used in high-pressure environments where copper washers are unsuitable.

Advantages:

Reliable low and high pressure sealing.
High and low temperature capabilities.
Bolt torque is reduced with no loss of tightening load.

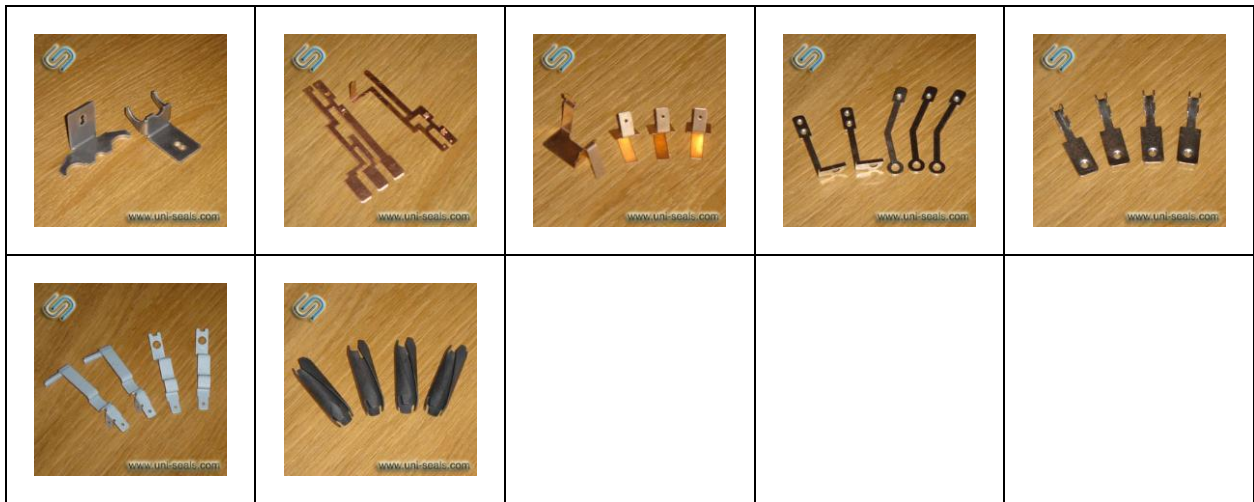
Different materials for the washer and the rubbers are available.
Could be ordered in either metric or imperial dimensions.

Stamped Parts



PS9000 Stamped parts

Product Examples:



Lathed Parts



PL9000 Lathed parts

Product Examples:

Packing Extractor**TL0310 Packing extractor**

The packing extractor set includes:

Flexible shaft: Length 7.5" / 11" / 14.5" each 2 pieces.

Solid shaft: Length 10", diameter 3.5mm / 5.0mm / 8.0mm each 1 piece.

Corkscrew: Size small / medium / large each 3 pieces.

Woodscrew: Size small / medium / large each 1 piece.

Wrench: 1 piece.

Plastic packing box: 1 piece.

**Note:**

1. All technical details quoted throughout this catalogue are based on our extensive tests and years of experience, however, they can only serve as guide values. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select proper products and specifications could result in property damage and/or personal injury.
2. Technical details subject to change without notice. This edition cancels all previous issues.

UN-CTLG-HW-200404