



Domestic Fasteners and Forgings Since 1884

MILITARY CAPABILITIES





Domestic Fasteners and Forgings Since 1884

**100%
Domestic
with
Certs**

MILITARY PRODUCTS AND SPECIFICATIONS

The Dyson Corporation provides manufacturing and heat treating of critical fasteners, forgings and bar to MIL, ASTM, and SAE specifications. We are an approved Level 1 manufacturer to naval shipyards, and our quality systems meet the most stringent processing and traceability requirements.

Dyson is experienced in forging and machining of nickel-based super alloys, as well as carbon and alloy fasteners, from 1/2" to 6" diameter. We welcome all military inquiries.

SPECIFICATIONS

Threads

- UNC, 8UN, UNF, UNR and UNJ
- Class 2, 3 & 5
- Cut, Rolled or Ground
- Standard, Metric, ACME and Specials

Misc.

- Self Locking Fasteners
- Lockwire Holes
- Secondary Machining

Coatings

- Zinc
- Cadmium
- Phosphate
- Ceramic
- IVD
- Chrome
- Copper Flash
- Black Oxide
- MIL-C-87115

Materials

- Carbon
- Alloy
- Stainless
- Nitronic
- Monel
- K500 Monel
- Inconel
- Titanium
- Brass
- Bronze
- Copper

Material Specifications

- All Aircraft Grades
- QQ-N-281
- QQ-N-286
- QQ-S-763
- MIL-S-5000

Forgings

- ABS Grade
- MIL-S-23284
- MIL-S-24093
- MIL-S-890

Specifications

- ASME-SA193
- ASME-SA194
- ASME-SA276
- ASME-SA307
- ASME-SA320
- ASME-SA350
- ASME-SA354
- ASME-SA449
- ASME-SA540
- ASME-SA563
- ASME-SA564
- ASME-SA572
- ASME-SA705
- ASME-SB637
- ASTM-A668
- ASTM-F568
- SAE-J429
- SAE-J995
- FF-S-85
- FF-S-86D
- FF-S-86E
- FF-S-92
- MIL-B-857
- MIL-DTL-1222J
- MIL-N-25027
- MIL-S-1222F-H
- MS18116

PRODUCTS

Bolts

	<i>Diameters</i>	<i>Lengths</i>
Hex (regular & heavy)	1/4" thru 8"	up to 60"
Square (regular & heavy)	1/4" thru 8"	up to 60"
T-Head	1/4" thru 8"	up to 60"
Eyebolts/Lifting Eyes	1/4" thru 8"	up to 60"
U-Bolts	1" thru 6"	up to 30"
Coupling (MIL-S-24093 & 23284)	1" thru 8"	up to 60"

Screws

	<i>Diameters</i>	<i>Lengths</i>
Hex Cap (reg. & hvy.)	1/2" thru 8"	up to 60"
Socket Head Cap (cyl. & fit.)	1/2" thru 8"	up to 60"
Slotted Head Flat	1/2" thru 8"	up to 60"
Socket Set (all types)	1/2" thru 8"	up to 60"
Flange (hex, square, 12 pt.)	1/2" thru 8"	up to 60"

Studs and Rods

	<i>Diameters</i>	<i>Lengths</i>
Continuous Threaded (TFL)	1/2" thru 6"	up to 60"
Double End/Single End	1/2" thru 8"	up to 60"
Interference (NC-5)	1/2" thru 8"	up to 60"

Nuts

	<i>Diameters</i>	
Hex (regular & heavy)	1/2" thru 12"	
Hex Jam (regular & heavy)	1/2" thru 12"	
Square (regular & heavy)	1/2" thru 18"	
S.L./MIL-N-25027 (w/MOD QPL)	1/2" thru 12"	
Capnuts (hex or socket)	1/2" thru 12"	
Coupling RH/RH (all types)	3/4" thru 12"	
Sleeve RH/LH (all types)	3/4" thru 12"	
Flange (hex, square, 12 pt.)	1/2" thru 12"	

Custom Forgings

	<i>Diameters</i>	<i>10,000 lbs. Per Part</i>
Forged Bar	2" thru 20"	
Forged Plate	1" thru 20"	
Shafting	2" thru 20"	

Critical Application and Alternate Sizes by Request

See Products and Specifications for other Dyson Industries

Wind Power

Nuclear

Mining

Bridges

Locks and Dams

Forklift Arms



Domestic Fasteners and Forgings Since 1884

The Dyson Corporation
53 Freedom Road
Painesville, Ohio 44077
Phone: 440-946-3500

Toll Free: 1-800-680-3600
Fax: 440-352-2700
salesquotes@dysoncorp.com
www.dysoncorp.com