



Domestic Fasteners and Forgings Since 1884

NUCLEAR CAPABILITIES





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**100%
Domestic
with
Certs**

NUCLEAR PRODUCTS AND SPECIFICATIONS
(ASME Certificate Number QSC-596)

Dyson crafts safety-related and nuclear-grade fasteners and forgings for all areas of plant construction.

Beginning with some of the first nuclear plants built, Dyson continues today to combine precision craftsmanship with the latest technology to create world-class products:

- Forgings – 1 lb to 10,000 lbs
- Foundation Rods, Studs and Nuts
- Custom and Specialty Fasteners, 1/2" and Larger
- Precision Machining
- In-House Heat Treating
- 100% Inspection
- 24-Hour Emergency Service
- Full Material Traceability

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

**ASME Certificate
Number QSC-596**

- ASME Section III
- 10CFR50 appx B
- 10CFR21
- NCA3800
- NQA-1

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
- QQ-N-281
- QQ-N-286
- QQ-S-763

PRODUCTS

Bolts

| | <i>Diameters</i> | <i>Lengths</i> |
|--------------------------|------------------|----------------|
| Hex (regular & heavy) | 1/2" thru 8" | up to 60' |
| Square (regular & heavy) | 1/2" thru 8" | up to 60' |
| T-Head | 1" thru 8" | up to 60' |
| Eyebolts/Lifting Eyes | 1" thru 8" | up to 60' |
| U-Bolts | 1" thru 6" | up to 30' |

Screws

| | <i>Diameters</i> | <i>Lengths</i> |
|-------------------------------|------------------|----------------|
| Hex Cap (regular & heavy) | 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 (reg. & hvy.) | 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 (round, square & hex) | 2" thru 20" | |
| Forged Plate | 2" thru 20" | |
| Shafting | 2" thru 20" | |

Critical Application and Alternate Sizes by Request

See Products and Specifications for other Dyson Industries

**Wind
Power**

Mining

Bridges

Military

**Locks and
Dams**

**Forklift
Arms**



For more information, click on industry brochure!



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