



Domestic Fasteners and Forgings Since 1884

GENERAL CONSTRUCTION CAPABILITIES





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**Metric
Product
Starting
at M20**

GENERAL CONSTRUCTION SPECIFICATIONS

Dyson Corp is an ISO 9000 certified manufacturer and custom manufacturer of bolts, screws, nuts, washers, rods, studs, pins, construction accessories, specialty fasteners, custom forging and machining.

Other products include hot forged bolts and cap screws. Standard fasteners range from 5/8" (M16) to 6" (M100) nominal diameter. Special fasteners range from 6" (M4) to 20" (M500) nominal diameter.

Capabilities include In-house forging, heat treat, machining and mechanical testing. Industries served include Wind Power, Nuclear, Mining, Bridges, Military, Locks and Dams, and heavy-duty fork lift arms. Products meet ASTM, SAE, ASME, Military/Federal, ISO, and AASHTO specifications

Threads

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

Misc.

- Self Locking Fasteners
- Lockwire Holes
- Secondary Machining
- Special Machine Finishes
- Tight Tolerance Requirements
- Custom Testing and Inspection
- Special Assembly and Packaging

Materials

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

Coatings

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

Common Product Specifications

- ASTM-A193 (gr B7, B16, SS)
- ASTM-A194 (gr 2, 2H, 7 & SS)
- ASTM-A307 (grades A & B)
- ASTM-A320 (gr L7 & L43)
- ASTM-A325
- ASTM-A354 (gr BC & BD)
- ASTM-A449
- ASTM-A490 (types 1 & 3)
- ASTM-A563 (gr A-C, DH & DH3)
- ASTM-A574
- ASTM-A668 (all classes)
- ASTM-A568 (8.8, 10.9 & 12.9)
- ASTM-A709
- SAE-J429 (grades 2, 5 & 8)
- SAE-J995 (grades 2, 5 & 8)
- Tool Steel (H11 & H13)
- DIN Standards
- ISO Standards
- Custom Requirements

PRODUCT AVAILABLE FOR GENERAL CONSTRUCTION

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'
Liner/Taper (all styles)	1/2" thru 8"	up to 60'
T-Head	1" thru 8"	up to 60'
Eyebolts/Lifting Eyes	1" thru 8"	up to 60'
Critical Application	1/2" thru 8"	up to 60'

Screws (Fitted Bolts)

	<i>Diameters</i>	<i>Lengths</i>
Hex Cap (regular & heavy)	1/2" thru 8"	up to 60'
Socket Head Cap	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, and 12 pt.)	1/2" thru 8"	up to 60'
Critical Application	1/2" thru 8"	up to 60'

Studs and Rods

	<i>Diameters</i>	<i>Lengths</i>
Continuous Threaded (TFL)	1/2" thru 8"	up to 60'
Double End/Single End	1/2" thru 8"	up to 60'
Upset Tie-Rods	1" thru 8"	up to 60'
Critical Application	1/2" thru 8"	up to 60'

Nuts

	<i>Diameters</i>	<i>10,000 lbs. Per Part</i>
D-LOC® (sealing lock nut/full & jam)	3/8" thru 6"	
Various Sealing Systems	1/2" thru 3"	
Hex (full & jam/regular & heavy)	1/2" thru 18"	
Square (regular & heavy)	1/2" thru 18"	
Capnuts (hex or socket)	1/2" thru 18"	
Coupling RH/RH (all types)	1/2" thru 18"	
Sleeve RH/LH (all types)	1/2" thru 18"	
Critical Application	1/2" thru 8"	

Raw Material

	<i>Diameters</i>	<i>10,000 lbs. Per Part</i>
Forged Bar (round, square & hex)	2" thru 20"	
Forged Plate	1" thru 20"	
Shafting	2" thru 20"	

Custom Forgings

	<i>Weights</i>	<i>Lengths</i>
1 pc to 1 million pcs/all shapes	Up to 10k lbs	up to 60'

See Specifications for other Dyson Industries

Wind Power Nuclear Mining Bridges Military Locks and Dams Forklift Arms



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