

CANADA

PRODUCT LISTING **STELFAST[®] INC.**

Let Stelfast be your source of nuts, bolts, washers and screws from our extensive inventory. We offer quick response time followed by on-time delivery of quality goods. Stelfast will help your business grow.

- / Standard Industrial Fasteners
- / Automotive Fasteners Division
- / Stock and Release Managed Inventory
- / Same Day Shipments
- / Mill Programs

Service you deserve. People you trust. The Stelfast[®] EDGE.

ISO 9001:2000 Certified • CAMSC Certified



THE STELFAST EDGE

Bolts & Capscrews

- Capscrews—Grade 2, 5 & 8
- Machine Bolts—A307, A193 B7
 - Heavy Hex Machine Bolts—A307B
 - Structural Bolts—A325
- Carriage Bolts—A307 & Grade 5
 - Lag Bolts
- Tap Bolts—A307

NEW ITEMS

- Tap Bolts—Grade 5
- Cap Screws—Grade 5 Zinc/Yellow

Lock Nuts

- Automation Style—Grade B & C
- Flange Locknuts—Grade F & G
- Collar Style Locknuts—Grade C
- K-Locknuts
- Hex Serrated Flange Nuts
- Reversible Locknuts (2 way)
- Nylon Insert Locknuts (NE, NM, NU, NTE)

Screws

- Self Drilling Screws
- Tapping Screws
- Drywall Screws
- Machine Screws

Nuts

- Finished Hex Nuts—Grade 2, 5 & 8
- Finished Hex Slotted Nuts
- Finished Hex Jam Nuts
- Heavy Hex Nuts—Grade 2, A194 & A563
- Heavy Hex Slotted Nuts—Grade 2, & A194
- Heavy Hex Jam Nuts
- Regular Square Nuts
- Heavy Square Nuts
- High Nuts
 - Wing Nuts
 - Toggle Wing Nuts
- Machine Screw Nuts
- Hex Coupling Nuts

Washers

- USS Flatwashers
- SAE Flatwashers
- Hardened Washers—F436
- Medium Split Lockwashers
- Beveled Washers
- Fender Washers
- Thru Hardened Washers

Metric Nuts

- DIN 934 Hex Nuts
- DIN 980V Automation Locknuts
- ANSI/IFI All Metal Flange Locknuts
- Din 985 Nylon Insert Locknuts
- Din 982 Heavy Nylon Insert Locknuts
- DIN 6923 Hex Flange Free Spin
- DIN 6927 Hex Flange Free Spin
- DIN 6926 Hex Nylon Insert Flange Locknuts

Available in Class 5, 8, 9 & 10

Weld Products

- Weld Nuts—Hex, Round, Square
- Flange Weld Nuts

- DIN 928 & DIN 929 Weld Nuts
- Weld Bolts/Weld Studs

Wheel Parts

- Heavy Duty Truck Wheel Nuts
- Outer & Inner Nuts
- Cast Spoke Wheel Nuts—Grade 5 Zinc
- Locknuts Grade C Zinc & Wax

RED: Stock Item in Canada

BLUE: Stock Item in U.S.

Please note that Stelfast runs regular transfers between the US and Canada.

Items available in Plain, Zinc, Zinc/Yellow and Hot Dipped Galvanized

















BOLT BLANKS AVAILABLE FOR IMMEDIATE DELIVERY FROM STOCK

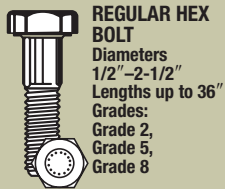
*Stelfast maintains an extensive inventory of heat treated bolt blanks.
All our blanks are hot forged with forged washerface.*

SIZES: 5/8 inch to 3 inch diameter – 6" to 36" long
GRADES: S.A.E. 2 – 5 & 8 A307B – A325 – A449 – A490 – A354BD – A193B7 – A574

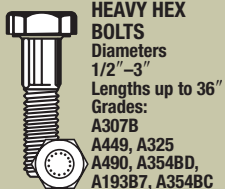
IN A PANIC? Ask for bolts made to order while you wait!

Identification Grade Mark	Spec.	Nominal Size Ranges Inches	Ultimate Tensile Min. PSI	Yield Strength Min. PSI	Elongation Min. %	Reduction of Area – Min. %	Hardness		Min. Tempering Temp.
							Min.	Max.	
  	ASTM A490	1/2" thru 1-1/2"	Min.-Max. 150,000–170,000	130,000	14	40	33C	38C	800°F
	SEA Grade 8	1/2" thru 2"	150,000	130,000	12	35	33C	39C	800°F
	ASTM A354BD	1/2" thru 2-1/2" 2-3/4" thru 3"	150,000 140,000	130,000 115,000	14	40	33C 31C	38C 39C	800°F
  	ASTM A325	1/2" thru 1" 1-1/8" thru 1-1/2"	120,000 105,000	92,000 81,000	14	35	25C 19C	34C 30C	800°F
	SAE Grade 5	1/2" thru 1" 1-1/8" thru 2"	120,000 105,000	92,000 81,000	14	35	25C 19C	34C 30C	800°F
	ASTM A449	1/2" thru 1" 1-1/8" thru 1-1/2" 1-5/8" thru 3"	120,000 105,000 90,000	92,000 81,000 58,000	14	35	25C 19C 183 BHN	34C 30C 235 BHN	800°F
  	ASTM A193-B7	1/2" thru 2-1/2" 2-3/4" thru 3"	125,000 115,000	105,000 95,000	16	50	No. Requirement		1100°F
	ASTM A354-BC	1/2" thru 2-1/2" 2-3/4" thru 3"	125,000 115,000	109,000 99,000	16	50 45	26C 22C	36C 33C	800°F
	ASTM A307-B	1/2" thru 3"	Min.-Max. 60,000–100,000	No. Req.	18	No. Req.	69B	95B	–
  	ASTM A574	1/2" 5/8" thru 3"	180,000 170,000	155,000 153,000	8	No. Req.	39C 37C	45C 45C	650°F
	ASTM F835	3/4" thru 1-1/2"	137,000–150,000	–	8	35	38C	44C	650°F
	12-Point	5/8" thru 2"	170,000	140,000 Proofload	8	No. Req.	37C	45C	650°F
 	SAE Grade 5	1/2" thru 1" 1-1/8" thru 2"	120,000 105,000	92,000 81,000	14	35	25C 19C	34C 30C	800°F
	SAE Grade 8	1/2" thru 2"	150,000	130,000	12	35	33C	39C	800°F

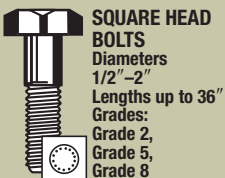
BOLT HEAD DIMENSIONS



REGULAR HEX BOLT
Diameters
1/2"–2-1/2"
Lengths up to 36"
Grades:
Grade 2,
Grade 5,
Grade 8



HEAVY HEX BOLTS
Diameters
1/2"–3"
Lengths up to 36"
Grades:
A307B
A449, A325
A490, A354BD,
A193B7, A354BC



SQUARE HEAD BOLTS
Diameters
1/2"–2"
Lengths up to 36"
Grades:
Grade 2,
Grade 5,
Grade 8

SIZE	REGULAR HEX HEAD			HEAVY HEX HEAD		SQUARE HEAD	
	BOLT DIA.	WIDTH ACROSS FLATS	BASIC HEAD HEIGHT	WIDTH ACROSS FLATS	BASIC HEAD HEIGHT	WIDTH ACROSS FLATS	BASIC HEAD HEIGHT
1/2	3/4	11/32	7/8	11/32	3/4	21/64	
5/8	15/16	27/64	1-1/16	27/64	15/16	27/64	
3/4	1-1/8	1/2	1-1/4	1/2	1-1/8	1/2	
7/8	1-5/16	37/64	1-7/16	37/64	1-5/16	19/32	
1	1-1/2	43/64	1-5/8	43/64	1-1/2	21/32	
1-1/8	1-11/16	3/4	1-13/16	3/4	1-11/16	3/4	
1-1/4	1-7/8	27/32	2	27/32	1-7/8	27/32	
1-3/8	2-1/16	29/32	2-3/16	29/32	2-1/16	29/32	
1-1/2	2-1/4	1	2-3/8	1	2-1/4	1	
1-5/8	2-7/16	1-5/64	2-9/16	1-5/64	2-9/16	1-5/64	
1-3/4	2-5/8	1-3/32	2-3/4	1-3/32	2-3/4	1-3/32	
1-7/8	2-13/16	1-15/64	2-15/16	1-15/64	2-15/16	1-15/64	
2	3	1-11/32	3-1/8	1-11/32	3-1/8	1-11/32	
2-1/4	3-3/8	1-1/2	3-1/2	1-1/2	3-1/2	1-1/2	
2-1/2	3-3/4	1-21/32	3-7/8	1-21/32	3-7/8	1-21/32	
2-3/4	4-1/8	1-13/16	4-1/4	1-13/16	4-1/4	1-13/16	
3	4-1/2	2	4-5/8	2	4-5/8	2	

OUR MANUFACTURING CAPABILITIES

- Metric Bolts Machined From Blanks
- Metric Threading From M6 To M64
- ANSI Unified Screw Threads—Class 2A And 3A Gauge Fit—Expertly Cut
- Drilling—Milling—Turning—Boring
- Grinding—Polishing
- Slotting—Honing
- Parts—Fully Machined From Bar
- Pointing—Cup—Cone—Flat—Oval—Dog
- Internal Threading To 4-1/2" Diameter
- High Speed Tapping
- Retapping Galvanized Nuts O/S
- Thread Locking—Surface Grinding
- Studs—Double and Fully Threaded—Milled
- Jam Nuts And Specials From Full Nuts



Get the STELFAST EDGE.

- Stocking Master Distributor
- Just in Time From Stock
- Stock & Release Managed Inventory
- Program Managed Inventory
- Same Day Shipments
- Direct from Mill
- Bar Coding & Special Labeling

We can take care of your SPECIAL PROCESSING needs.

- PPAP Level III Available
- Special Platings & Packaging
- Thread Locking & Patching
- Weld Nut Thread Masking
- Optical and Laser Sorting
- Stock & Release Programs

Download more Info at www.stelfast.com

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STELFAST® INC.
Service you deserve. People you trust.