

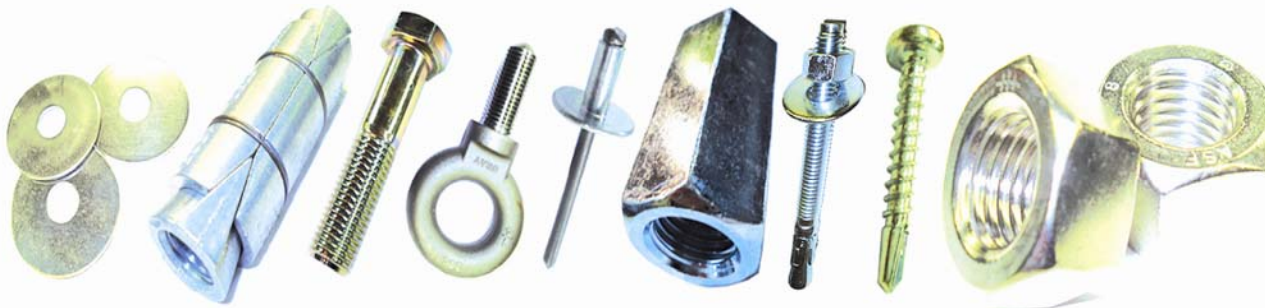
ISO 9001:2008

R. E. GLOVER LTD.

FASTENER SPECIALIST - SUPPLY & MFG

INDUSTRIAL FASTENER SUPPLY

Anchor - Bolts - Nuts - Washers - Screws - Socket Products - Threaded Rod - Rivets - Pins
Threading - Forging - Bending - Drilling - Cutting - Delivery - Assembly - Packaging



WHAT'S INSIDE?

PG2: About Glover

ISO 9001:2008

HELPFUL GUIDES

PG3: Bolt & Nut Markings

Anchor Guide

Inch/mm Comparison

Popular Abbreviations

FASTENING SOLUTIONS

PG4: Common Bolt Types

Common Nut Types

Common Screw Types

Common Washer Types

USS|SAE Washer Comp.

PG5: Anchor Products

PG6: Product List

Reuse of Fasteners Article

Structural Bolts/Thrd Rod

MORE HELPFUL GUIDES

PG7: Bolt Torque Guide

Thread Pitch Chart

Thread Length Chart

USS/SAE Dimensions

PG8: **Credit Application**



www.reglover.com | **eh** Canadian Company

Hours: Monday - Thursday 8am - 5pm | Friday 7:30am - 4pm | After Hours: Spencer 905-869-1780
R. E. Glover Ltd. | 84 Mead Ave | Hamilton, ON | L8H 7M1 | Tel: 905 - 547 - 5992 | Fax: 905 - 547 - 5681

About Glover



R. E. Glover Ltd. is a fastener supply and manufacturing company. Our capabilities include manufacturing hex bolts, studs, anchor bolts and u bolts.

Established since 1971, we have continued to thrive through a history of dependable delivery of your fasteners and competitive pricing.

We specialize in the quick delivery of your rush orders.

Geographic Area

R. E. GLOVER LTD. is dedicated to making your fastener experience quick, easy, informative and reliable.

905-547-5992
84 MEAD AVE



Inventory:

We stock a broad range of fasteners including anchors, bolts, studs, nuts, washers, threaded rod, screws, epoxy adhesive anchors, drills, taps and rivets in both Inch series and Metric.

Machining Capabilities:

We cut, thread, drill, bend anchor products, bolts, studs and u-bolts. Our capabilities ensure your products are delivered on time every time.

Delivery:

Accounts at R. E. Glover Ltd. are entitled to delivery at no charge, exceptions may apply.

ISO 9001:2008

R. E. Glover Ltd.'s quality process has been audited and approved by Certech Registration Inc.

Corporate Objective:

Sell quality products and services our customers can depend on.

How we Maintain Quality:

- + Inventory is stored by grade and size and maintained in good condition.
- + Ensure products we purchase meet our purchase order guidelines.
- + All non conformances are tagged and separated to prevent accidental shipping.
- + Internal errors, customer complaints and supplier non-conformances are documented and corrective action is taken when necessary.
- + We provide test reports for your critical applications.
- + We periodically calibrate measuring equipment & gauges used for manufacturing.
- + Staff are trained to perform their job safely & efficiently.

Quality Assurance Manager:

Spencer Glover - sglover@reglover.com





Our knowledgeable staff will be proud to serve you with quality products!

Hours: Monday - Thursday 8am - 5pm | Friday 7:30am - 4pm | After Hours: Spencer 905-869-1780
R. E. Glover Ltd. | 84 Mead Ave | Hamilton, ON | L8H 7M1 | Tel: 905 - 547 - 5992 | Fax: 905 - 547 - 5681

Bolt & Nut Markings

Bolt Head

	HEX, NON-COATED SAE J429 - Grade 2 Tensile Min. - 1/4" thru 3/4" - 74 ksi Over 3/4" thru 1-1/2" - 60 ksi
	HEX, NON-COATED SAE J429 - Grade 5 Tensile Min. - 1/4" thru 1" - 120 ksi Over 1" thru 1-1/2" - 105 ksi
	HEX, NON-COATED SAE J429 - Grade 8 Tensile Min. - 1/4" thru 1-1/2" - 150 ksi
	HEX, COATED L9 Tensile Min. - All Diameters - 180 ksi
	NON-COATED ASTM A307 - Grade A Tensile Min. - 1/4" thru 1-1/2" (hex) - 60 ksi Over 1-1/2" thru 4" (heavy hex) - 60 ksi
	HEAVY HEX, NON-COATED ASTM A307 - Grade B Tensile Min. - 1/4" thru 4" - 60 ksi Tensile Max. - 1/4" thru 4" - 100 ksi
	HEAVY HEX, NON-COATED ASTM A325 - Type 1 Tensile Min. - 1/2" thru 1" - 120 ksi Over 1" thru 1-1/2" - 105 ksi
	HEAVY HEX, NON-COATED ASTM A490 - Type 1 Tensile Min. - 1/2" thru 1-1/2" - 150 ksi Tensile Max. - 1/2" thru 1-1/2" - 173 ksi
	HEAVY HEX, NON-COATED ASTM A193 - Grade B7 Tensile Min. - Up to 2-1/2" - 125 ksi Over 2-1/2" thru 4" - 115 ksi Over 4" thru 7" - 100 ksi
	HEX, NON-COATED DIN 931/933 Class 8.8 Tensile Min. - M16 - M72 - 830 MPa (120 ksi)
	HEX, NON-COATED DIN 931/933 Class 10.9 Tensile Min. - M5 - M100 - 1040 MPa (150 ksi)
	HEX, NON-COATED DIN 931/933 Class 12.9 Tensile Min. - M1.6 - M100 - 1220 MPa (176 ksi)

Nut Face

	HEX, NON-COATED SAE J995 - Grade 2 Proof Load Min. - 1/4" thru 1-1/2" - 90 ksi
	HEX, NON-COATED SAE J995 - Grade 5 Proof Load Min. - 1/4" thru 1" - 109 - 120 ksi Proof Load Min. - 1-1/8" thru 1-1/2" - 94 - 105 ksi
	HEX, NON-COATED SAE J995 - Grade 8 Proof Load Min. - 1/4" thru 1-1/2" - 150 ksi
	HEX, COATED L9 Proof Load Min. - All Diameters - 145 ksi
	NON-COATED ASTM A563 - Grade A Proof Load Min. - 1/4" thru 1-1/2" (hex) - 90 ksi 1/4" thru 4" (heavy hex) - 100 ksi
	HEAVY HEX, NON-COATED ASTM A563 - Grade B Proof Load Min. - 1/4" thru 1" - 133 ksi Over 1" thru 1-1/2" - 116 ksi
	HEAVY HEX, NON-COATED ASTM A563 - Grade C Proof Load Min. - 1/4" thru 4" - 144 ksi
	HEAVY HEX, NON-COATED ASTM A563 - Grade DH Proof Load Min. - 1/4" thru 4" - 175 ksi
	HEAVY HEX, NON-COATED ASTM A194 - Grade 2H Proof Load Min. - 1/4" thru 4" - 175 ksi
	HEX, NON-COATED DIN 934 Class 8 Proof Load Min. - 800 - 920 MPa (116 - 133 ksi)
	HEX, NON-COATED DIN 934 Class 10.9 Proof Load Min. - M1.6 - M10 - 1040 MPa (150 ksi) Proof Load Min. - M12 - M16 - 1050 MPa (152 ksi) Proof Load Min. - M20 - M36 - 1060 MPa (153 ksi)
	HEX, NON-COATED DIN 934 Class 12 Proof Load Min. - M3 - M6 - 1150 MPa (166 ksi) Proof Load Min. - M8 - M10 - 1160 MPa (168 ksi) Proof Load Min. - M12 - M16 - 1190 MPa (172 ksi) Proof Load Min. - M20 - M100 - 1200 MPa (174 ksi)

Source: ASTM, SAE, DIN, Infasco, IFI 7th Edition Inch Fastener Standard,

IFI 3rd Edition Metric Fastener Standard. The information on this poster offers a brief description of the product standard. It is

recommended that you refer to the actual standard for critical information. Tensile and proof load data provided for SAE and DIN

assume the use of non-coated regular hex bolts and nuts, and for ASTM bolts and nuts, assuming the use of heavy hex bolts & nuts.

★ Note: Items are available, however may not be in stock.

Metric	Difference	Inch
6m	+0.0138	1/4"
8m	-0.0025	5/16"
10m	-0.0187	3/8"
12m	+0.0276	1/2"
14m	-0.0113	9/16"
16m	+0.0049	5/8"
20m	-0.0374	3/4"
22m	+0.0089	7/8"
24m	+0.0551	1"

COMMON CONVERSIONS

Convert Millimetres to Inches:

mm X 0.03937 = Inch

Convert Inches to Millimetres:

Inch / 0.03937 = mm

Convert MPa to Psi:

MPa X 145.0377 = Psi

Convert Psi to MPa:

psi / 145.0377 = MPa

Metric | SAE | ASTM

Class 4.6 = Grade 2 = A307 A

Class 8.8 = Grade 5 = A449 1

Class 10.9 = Grade 8 = A354 B D

Class 12.9 = = A574

This is to be interpreted as a guide, for critical information, refer to actual standard.

Anchor Bolt

A = Diameter
D = Thread Length
E = Length of Bend
L = Overall Length
less the Bend

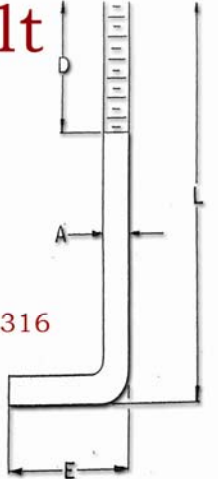
Material:

44W | 4140 (B7) | 304 | 316

Qty Anchors: ___

Qty Nuts: ___

Qty Washers: ___



WE THREAD REBAR

Wilson Sleeve

For use with
Anchor Bolts



+ Quick & easy
bolt alignment.

+ Eliminate custom prefitting, welding,
pipe cutting & forming in oversized holes.



Img Source: Wilson Anchor Bolt Sleeve Company

POPULAR ABBREVIATIONS

PSI = Pounds per square inch
ex. 120,000 psi

KSI = Kilo-pound per square inch
ex. 120 ksi

MPa = Force per square metre
ex. 827.37 MPa

ISO = International Organization
for Standardization

SAE = Society of Automotive
Engineers

ASTM = American Society for
Testing and Materials

DIN = German Institute for
Standardization (*Deutsches
Institut für Normung*)

IFI = Industrial Fasteners Institute

Common Bolt Types



If your preferred bolt type is not listed, remember Glover has a broad inventory of specials.
 If we do not have your item in stock, we will source it or manufacture it for you.

Common Nut Types

Common Screw Types



Our vast inventory of nuts ensures you'll always find the right fastening solution at Glover.

Install with ease, find out how Glover can simplify your fastening applications. Visit our service counter.

Washer Comparison

Type: **USS**

I.D. = 9/16"
 O.D. = 1 3/8"
 Thick Approx.
 0.086 / 0.132"



Type: **SAE**

I.D. = 17/32"
 O.D. = 1 1/16"
 Thick Approx.
 0.074 / 0.121"



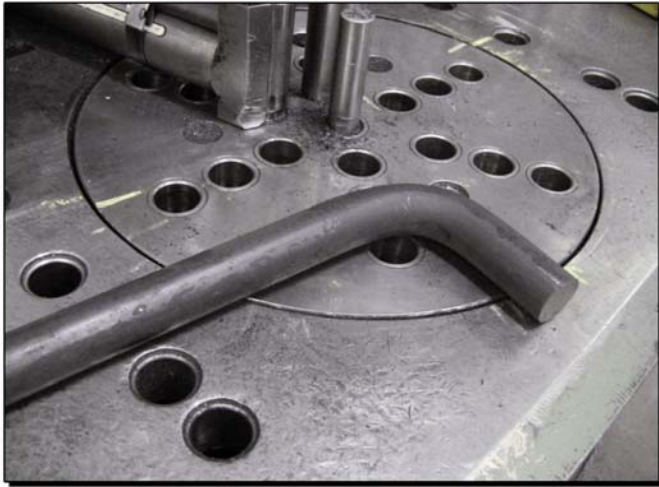
Above illustrates & details the difference between two common types of flat washers. Type USS is to be supplied if type is not specified. For larger O.D. than USS, ask for a fender washer.

www.reglover.com



Anchor Products

DEPENDABLE CONCRETE SOLUTIONS



FOUNDATION ANCHOR BOLTS

- + Custom L/J/Hook Drawings
- + Thread 4" Dia.
- + Bend 3" Dia.
- + 44W/4140 (B7)/304/316



ANCHOR BOLT MFG
is our SPECIALTY !



Drop-In



Single Expansion



Double Expansion



Lag Shield Short



Lag Shield Long



Nail-Drive (Pin Bolt)



Blue Plastic Plug



Mungo Plug



Triple Grip Anchor



Tapcon Screws



Toggle Bolt & Wings



Twister Drywall

84 MEAD AVE
905-547-5992
www.reglover.com



STUDS (THRD EACH END)
44W | 4140 (B7) | 304 | 316
Custom Dia/Length/Bend/etc



WEDGE ANCHOR
Carbon Steel Zinc Plated
18-8 Stainless Steel
Hot Dipped Galvanized



SLEEVE ANCHOR
Carbon Steel Zinc Plated
Avail. Hex nut or Flat Head



FLO-ROK INJECTION ADHESIVE ANCHOR | EPOXY ACRYLATE
FR5-5 MAX - 5.5 oz (No Dispensing Tool Needed)
FR5-12 MAX - 12.2 oz
FR5-28 MAX - 28 oz



12 oz 28 oz
Img Source :UCAN Fastening Products



HAMMER CAP GLASS CAPSULE
Code: Size: Rod Dia: Drill Size:
HAC 10 M10 X 90 3/8 7/16
HAC 12 M12 X 95 1/2 9/16
HAC 16 M16 X 125 5/8 3/4
HAC 20 M20 X 115 3/4 7/8
HAC 20L M20 X 175 3/4 7/8
HAC 24 M24 X 210 1 1-1/8
HAC 30 M30 X 260 1-1/4 1-1/2

FAST & EASY INSTALLATION

Product List



Anchors

- ⬇ Drop-In Anchor
- ⬇ Epoxy (Fast Setting Adhesive)
- ⬇ Expansion Anchor (Double | Single)
- ⬇ **Foundation Anchor**
- ⬇ HammerCap Adhesive
- ⬇ Glass Capsule
- ⬇ Lag Shield (Long | Short)
- ⬇ Nail Drive Anchor
- ⬇ Plastic Plug (Blue | White | Yellow | Black)
- ⬇ Plastic Plug (Mungo)
- ⬇ Sleeve Anchor
- ⬇ Toggle Bolt
- ⬇ Triple Grip Anchors
- ⬇ Twister Drywall Anchor
- ⬇ **Wedge Anchor**

Bolts / Cap Screws

- ⬇ Carriage Bolt
- ⬇ Elevator Bolt
- ⬇ Eye Bolt (Forged | Bent)
- ⬇ Heavy Hex Bolt
- ⬇ **Hex Bolt**
- ⬇ J-Bolt
- ⬇ Plow Bolt
- ⬇ Shaker Screen Bolt
- ⬇ Socket Shoulder Screw
- ⬇ Square Head Bolt
- ⬇ **Structural Bolt** (A325 | A490)
- ⬇ Stud Bolt
- ⬇ Tap Bolt
- ⬇ U-Bolt

Nuts

- ⬇ Acme Thread Nut
- ⬇ Acorn / Cap Nut
- ⬇ Coupling Nut
- ⬇ Deep Nut
- ⬇ Drive In Nut (T-Nut)
- ⬇ Flange Nut
- ⬇ Heavy Hex Nut
- ⬇ **Hex Nut**
- ⬇ Jam Nut
- ⬇ Keps Nut
- ⬇ **Lock Nut** (All Metal | Nylon Insert)
- ⬇ Machine Screw Nut
- ⬇ Slotted / Castle Nut
- ⬇ Square Nut
- ⬇ Wing Nut

Threaded Rod

- ⬇ **Mild | Alloy Steel**
- ⬇ ASTM A193 – Gr. B7 (High Temp/Pressure)
- ⬇ ASTM A193 – Gr. B16 (High Temp/Pressure)
- ⬇ **ASTM A193 – Gr. B8 (304 Stainless)**
- ⬇ ASTM A193 – Gr. B8M (316 Stainless)
- ⬇ ACME Thread
- ⬇ Brass
- ⬇ Metric 4.6 | 8.8 | 10.9
- ⬇ Metric A2/304 | A4/316 (Stainless Steel)



Pins

- ⬇ Clevis Pin
- ⬇ Cotter Pin
- ⬇ Dowel Pin
- ⬇ Hitch Pin
- ⬇ Spring / Roll Pin

Rivets

- ⬇ Blind Hole Rivet (Pop Rivet)
- ⬇ Solid Rivet

Tools

- ⬇ Drill Bits
- ⬇ Driver Bits
- ⬇ Saw (Hack | Hole)
- ⬇ Tap | Die Nut

Screws

- ⬇ Drive Screw (Type U)
- ⬇ Floorboard Screw (Flat Head)
- ⬇ Lag Screw (Hex Head)
- ⬇ **Machine Screw** (Flat | Oval | Round Head)
- ⬇ **Self Drilling | Tek** (Flat | Hex | Pan Head)
- ⬇ Stove Bolt (Flat | Round Head)
- ⬇ **Tapping Screw** (Flat | Hex | Pan | Truss Head)
- ⬇ Wood Screw (Round | Flat Head)

Socket Products

- ⬇ Button Head Cap Screw
- ⬇ Flat Head Cap Screw
- ⬇ **Socket Head Cap Screw**
- ⬇ Socket Low Hd Cap Screw
- ⬇ Socket Pipe Plug (Dry | Flush Seal)
- ⬇ Socket Set Screw

Washers

- ⬇ Bevel Washer
- ⬇ Cup Washer
- ⬇ **Flat Washer**
- ⬇ Lock Washer Disc
- ⬇ **Lock Washer Spring**
- ⬇ Lock Washer Tooth (Internal | External)
- ⬇ Neoprene Washer

Services

- ⬇ Bending *Up to 3" Dia.*
- ⬇ Cutting *Up to 5-1/2" Dia.*
- ⬇ Delivery *Free via Our Truck, conditions may apply.*
- ⬇ Drilling
- ⬇ Inventory Management *Ask for details.*
- ⬇ Threading *Up to 4" Dia.*

Reuse of Fasteners

905-547-5992

Can I reuse the bolts & nuts previously installed?

In critical applications, you should **NEVER reuse a fastener**, unless you are absolutely sure the fastener hasn't been torqued beyond its yield strength. Many other factors come into play when deciding whether or not a fastener shall be reused, such as previous torquing, corrosion, fatigue, heat, cracks and/or modifications to your application, etc. **In doubt? Buy a new fastener!**

Should never use a new bolt with a used nut, and vice versa (**threads may not mate properly**).

Yield strength is the point where the fastener begins to deform plastically. Heat will lower the yield strength, since the yield is determined at room temperature. Remember **you likely will NOT see the signs of initial deformation**.

In critical applications, unless you know for sure that your used fastener meets its performance criteria, **DO NOT REUSE!**



A325 & A490 Structural Bolts

- + Large stock of A325 assemblies
- + Large stock A325/A490 blanks
- + We manufacture A325 & A490
- + A325 avail. in Plain or HDG
- + A490 avail. in Plain only
- + MTR avail. upon request



Threaded Rod & Round Bar Stock

- + 44W | 4140 (B7) | 304 | 316
- + Mild Steel (Plain & Zinc)
- + Alloy Steel (Plain & Zinc) & Gr.8
- + Alloy High Temp (B7 / B16)
- + Stainless Steel (B8 / B8M)
- + Imperial (Inch) & Metric (mm)

DEPEND ON GLOVER | RUSH ORDERS | INVENTORY SUPPLY
MANUFACTURING | DELIVERY | SATISFACTION

Fastener Reference Guides



Bolt Clamp Loads Guide Provided by RB&W Corporation.

This chart is to be used as a guide only. For critical applications, torque should be determined under actual assembly conditions.

DIAM. & THDS. PER IN.	SAE GRADE 2 THRU 6" LONG							SAE GRADE 5				SAE GRADE 8				
	STRESS AREA SQ. IN.	TENSILE Strength MIN. KSI.	PROOF LOAD LBS.	CLAMP LOAD LBS.	TORQUE		TENSILE Strength MIN. KSI.	PROOF LOAD LBS.	CLAMP LOAD LBS.	TORQUE		TENSILE Strength MIN. KSI.	PROOF LOAD LBS.	CLAMP LOAD LBS.	TORQUE	
					DRY FT. LB.	LUB. FT. LB.				DRY FT. LB.	LUB. FT. LB.				DRY FT. LB.	LUB. FT. LB.
1/4-20 28	.0318 .0364	74 74	1750 2000	1310 1500	5.5 6.3	4.2 4.7	120 120	2700 3100	2020 2320	8 10	6.3 7.2	150 150	3800 4350	2850 3250	12 14	9 10
5/16-18 24	.0524 .0580	74 74	2900 3200	2160 2400	11 12	8 9	120 120	4450 4900	3340 3700	17 19	13 14	150 150	6300 6950	4700 5200	24 27	18 20
3/8-16 24	.0775 .0878	74 74	4250 4800	3200 3620	20 23	15 17	120 120	6600 7450	4950 5600	30 35	23 25	150 150	9300 10500	6980 7900	45 50	35 35
7/16-14 20	1.063 1.187	74 74	5850 6550	4380 4900	32 36	24 27	120 120	9050 10100	6780 7570	50 55	35 40	150 150	12800 14200	9550 10650	70 80	50 60
1/2-13 20	1.419 1.599	74 74	7800 8800	5850 6600	50 55	35 40	120 120	12100 13600	9050 10200	75 85	55 65	150 150	17000 19200	12750 14400	110 120	80 90
9/16-12 18	1.820 2.030	74 74	10000 11200	7500 8400	70 80	55 60	120 120	15500 17300	11600 12950	110 120	80 90	150 150	21800 24400	16350 18250	150 170	110 130
5/8-11 18	.226 .256	74 74	12400 14100	9320 10560	100 110	75 85	120 120	19200 21800	14400 16350	150 170	110 130	150 150	27100 30700	20350 23000	210 240	160 180
3/4-10 16	.334 .373	74 74	18400 20500	13800 15390	175 200	130 140	120 120	28400 31700	21300 23780	260 300	200 220	150 150	40100 44800	30100 33500	380 420	280 310
7/8-9 14	.462 .509	60 60	15200 16800	11430 12600	170 180	125 140	120 120	39300 43300	29450 32450	430 470	320 350	150 150	55400 61100	41600 45800	600 670	450 500
1 - 8 14	.606 .679	60 60	20000 22400	15000 16800	250 280	190 210	120 120	51500 57700	38600 43300	640 720	480 540	150 150	72700 81500	54500 61100	910 1020	680 760
1 1/8-7 12	.763 .856	60 60	25200 28200	18900 21200	350 400	270 300	105 105	56500 63300	42300 47500	790 890	590 670	150 150	91600 102700	68700 77000	1290 1440	970 1080
1 1/4-7 12	.969 1.073	60 60	32000 35400	24000 26550	500 550	380 420	105 105	71700 79400	53800 59600	1120 1240	840 930	150 150	116300 128800	87200 96600	1820 2010	1360 1510
1 1/2-6 12	1.405 1.581	60 60	46400 52200	34800 39150	870 980	650 730	105 105	104000 117000	78000 87700	1950 2200	1460 1640	150 150	168600 189700	126500 142200	3160 3560	2370 2670

Thread Pitch Chart: Imperial & Metric

Diam. (inch)	UNC	UNF	8-UN
#0		80	
#1	64	72	
#2	56	64	
#3	48	56	
#4	40	48	
#5	40	44	
#6	32	40	
#8	32	36	
#10	24	32	
#12	24	28	
1/4	20	28	
5/16	18	24	
3/8	16	24	
7/16	14	20	
1/2	13	20	
9/16	12	18	
5/8	11	18	
3/4	10	16	
7/8	9	14	See Below
1	UNS - 14 TPI (common)		
	8	12	8
1 1/8	7	12	8
1 1/4	7	12	8
1 3/8	6	12	8
1 1/2	6	12	8
1 3/4	5		8
2	4.5		8
2 1/4	4.5		8
2 1/2	4		8
2 3/4	4		8
3	4		8
3 1/4	4		8
3 1/2	4		8
3 3/4	4		8
4	4		8

Diam. (mm)	Coarse	Fine	Fine (2/3/4)
1	0.25		
1.2	0.25		
1.4	0.3		
1.6	0.35		
1.8	0.35		
2	0.4		
2.5	0.45		
3	0.5		
3.5	0.6		
4	0.7		
5	0.8	0.9	0.75 / 0.5
6	1	0.75	0.5
7	1	0.75	0.5
8	1.25	1	0.75 / 0.5
10	1.5	1.25	1 / 0.75
12	1.75	1.5	1.25 / 1
14	2	1.5	1.25 / 1
16	2	1.5	1
18	2.5	2	1.5 / 1
20	2.5	2	1.5 / 1
22	2.5	2	1.5 / 1
24	3	2	1.5 / 1
27	3	2	1.5 / 1
30	3.5	3	2 / 1.5 / 1
33	3.5	3	2 / 1.5
36	4	3	2 / 1.5
39	4	3	2 / 1.5
42	4.5	4	3 / 2 / 1.5
45	4.5	3	
48	5	3	
52	5	4	
56	5.5	4	
60	5.5	4	
64	6	4	

Thread Length Chart

Dia.	Thread Length		
	Length Less than 6"	Length Greater than 6"	A325
1/2	1.25	1.5	1
5/8	1.5	1.75	1.25
3/4	1.75	2	1.375
7/8	2	2.25	1.5
1"	2.25	2.5	1.75
1-1/8	2.5	2.75	2
1-1/4	2.75	3	2
1-3/8	3	3.25	2.25
1-1/2	3.25	3.5	2.25
1-3/4	3.75	4	-
2"	4.25	4.5	-
2-1/4	4.75	5	-
2-1/2	5.25	5.5	-

Bolt Size	Inside Diameter	Outside Diameter	Thickness (Inches)
#2	3/32	1/4	1/32
#4	1/8	5/16	1/32
#6 (1/8)	5/32	3/8	3/64
#8	3/16	7/16	3/64
#10 (3/16)	7/32	1/2	1/16
1/4	9/32	5/8	1/16
5/16	11/32	11/16	1/16
3/8	13/32	13/16	1/16
7/16	15/32	59/64	1/16
1/2	17/32	1-1/16	3/32
9/16	19/32	1-3/16	3/32
5/8	21/32	1-5/16	3/32
3/4	13/16	1-1/2	1/8
7/8	15/16	1-3/4	1/8
1	1-1/16	2	1/8

USS Flat Washer

Bolt Size	Inside Diameter	Outside Diameter	Thickness (Inches)
1/8	3/16	7/16	3/64
3/16	1/4	9/16	3/64
1/4	5/16	3/4	1/16
5/16	3/8	7/8	5/64
3/8	7/16	1	5/64
7/16	1/2	1-1/4	3/32
1/2	9/16	1-3/8	7/64
9/16	5/8	1-1/2	7/64
5/8	11/16	1-3/4	9/64
3/4	13/16	2	9/64
7/8	15/16	2-1/4	5/32
1	1-1/16	2-1/2	5/32
1-1/8	1-3/16	2-3/4	5/32
1-1/4	1-5/16	2-3/4	5/32
1-3/8	1-1/2	3-1/4	5/32
1-1/2	1-9/16	3-1/4	11/64
1-5/8	1-3/4	3-3/4	11/64
1-3/4	1-13/16	3-3/4	3/16
2	2-1/16	4-1/4	3/16

CALL US AT
905-547-5992
R. E. GLOVER LTD.
FASTENER SPECIALIST - SUPPLY & MFG.

Credit Application

FAX TO ACCOUNTING DEPT: 905-547-2699

or MAIL TO: PO BOX 3458, STATION C, 84 Mead Ave, Hamilton, ON, L8H 7M1



ACCOUNT INFORMATION

Company Name: _____

Mailing Address _____

Ship to Address: _____

Phone Number: _____ Fax: _____

HST/GST Number: _____

President/Owner: _____

Purchasing Agent: _____ Email: _____

Accounts Payable Agent: _____ Email: _____

Type of Business/Date Company Started: _____

BANK INFORMATION

Bank Name: _____

Address: _____

Phone Number: _____

Account Number: _____

Contact: _____

REFERENCES

NAME	ADDRESS	PHONE	FAX
(1)	_____	_____	_____

(2)	_____	_____	_____
-----	-------	-------	-------

(3)	_____	_____	_____
-----	-------	-------	-------

Signature _____

Payment Options



Equipped with overhead crane & lift trucks



Wheelchair Accessible
Trucks up to 52' Accessible

