

VALLEY-WIDE FASTENERS

METRIC LINE & TORQUE SPECS



BOLTS

Grade 8.8, Grade 10.9,
J.I.S. Grade 8.8, J.I.S. Flange,
S76 Small-head Flange (Chrome),
Steel, Stainless Steel, Nylon

SCREWS

Standard Machine Screws, J.I.S.
Small-head Machine Screws, Steel,
Stainless Steel, Nylon

TRUCK FASTENERS

Flanged Frame Bolts & Flanged
Locking Nuts

THREAD REPAIR

Chrislynn Helical Coilthread Kits,
Bulk Inserts, Individual Tools &
Taps, Keen-Serts, Thread-Serts,
Thinsheet Nutserts, Flanged
Nutserts, Wellnuts, Jacknuts,
Nutsert Kits & Tools, Steel,
Stainless Steel

SOCKET PRODUCTS

Socket Head Capscrews, Button
Socket Capscrews, Flat Socket
Capscrews, Low-head Socket
Capscrews, Socket Set Screws (Cup
point, Dog-Point, Square Head),
Shoulder Bolts, Hi-Collar
Lockwashers, Dowel Pins, High-
Strength & Stainless Steel

AUTOMOTIVE FASTENERS

Moulding Clips & Fasteners,
Specialty Screws, Accessory
Fasteners, Drive Rivets, Nylon
Rivets, Windshield Moulding Clips,
Body & Fender Bolts, Headlight
Adjusters & Springs, Panel Clips,
Insulation Clips, Screw Retainers

MISCELLANEOUS

Cotterpins, Rollpins, E-Clips, Snap
Rings, Grease Fittings, Drillbits,
Taps, Dies, O-Rings, Studs

WASHERS

Flat, Fender, Heavy, Finish Cup,
Steel, Stainless Steel, Nylon

LOCK WASHERS

Split, Internal Star, External Star,
Hi-Collar, Ribbed, Steel, Stainless
Steel

NUTS

Hex, J.I.S. Hex, Wing, Acorn,
Coupling, Flanged, Wellnuts,
Jacknuts, U-Nuts, J-Nuts, Left-
hand, Steel, Stainless Steel, Nylon,
Brass

LOCKING NUTS

Nylon Insert, J.I.S. Nylon Insert,
Serrated Flange, Grade C Cone,
Grade G Flange, Low-Profile Nylon
Insert, J.I.S. Copper-Coated for
Exhaust Manifold Studs, Steel,
Stainless Steel, Nylon

METRIC TORQUE VALUES ARE SHOWN IN **FOOT-POUNDS** 6MM & OVER
VALUES FOR **5MM** & UNDER ARE SHOWN IN **INCH-POUNDS**

SIZE	GR 5.6	GR 8.8	GR 10.9	BHCS	FHCS	GR 12.9	A2 (SS)
2.0	1	2	4			5	
2.5	3	6	9			11	
3.0	5	12	17			20	
3.5	8	18	26			35	
4.0	12	27	39			46	15
5.0	24	54	76			92	30
6.0	3	7	11			13	4
7.0	5	13	18			21	
8.0	8	19	26			32	11
10.0	16	37	53			64	22
12.0	29	65	92			110	37
14.0	46	104	146			177	58
16.0	70	158	225			269	89
18.0	96	217	310			368	128
20.0	136	310	435			524	140
22.0	184	420	590			708	154
24.0	232	535	752			900	173
27.0	346	789	1114			1335	242
30.0	468	1070	1512			1807	328
33.0	638	1453	2043			2456	
36.0	819	1866	2888			3157	
39.0	1062	2427	3407			4094	