Sundram Fasteners Limited

RETAIL PRICE LIST

NO.SF/HEX/01/2022

HEX PRODUCTS-STANDARD APPLICATION

Effective 1st March 2022

STANDARD APPLICATION

Marketing Office	Registered Office
98A, Dr.Radhakrishnan Salai, 7th Floor, Auras Corporate Centre, Mylapore, Chennai 600 004	98A, Dr.Radhakrishnan Salai, 7th Floor, Auras Corporate Centre, Mylapore, Chennai 600 004

Factories			
Padi Unit	**Pondicherry Unit**	**Krishnapuram Unit**	**Uttarkhand Unit**
Padi, Chennai 600050 GST No.: 33AAACS8779D1Z7	Korkadu, Villianur (via) Pondicherry 605110 GST No.: 34AAACS8779D1Z5	Krishnapuram, Aruppukottai Road, Aviyur 626 160 (TN) GST No.: 33AAACS8779D1Z7	Plot No. 60, Sector 11 Integrated Industrial Estate Sidcul, Pantnagar Rudrapur - 263153 Dist. Udham Singh Nagar Uttarakhand GST NO. 05AAACS8779D1Z6
	WEF & INFRA UNIT		
	135/3,136/1 - Mandagapattu Road, Mitta Mandagapattu Village Villupuram Dist. 605106 (TN) GST No: 33AAACS8779D1Z7		
	CIN No. L359999TN1962PLC004943 GST No: 33AAACS8779D1Z7 www.sundram.com Email: marketing@fasteners.sfl.co.in		

Intertek

GENERAL CONDITIONS FOR SALE

All quotations, purchase orders or requests are subject to the following terms and conditions of sale. Any qualifications to these conditions made by the Buyer will not apply unless expressly accepted in writing by Sundram Fasteners Limited (hereinafter, called as **"SFL"**). These General Terms and Conditions of Sale shall not be applicable where SFL and Buyer had entered into Product Sale/Purchase/Supply Agreement. In the event of any dispute, ambiguity in interpretation or claim between SFL and the Buyer the Product Sale/Purchase/Supply Agreement and its specific terms shall apply first. To the extent that the individual Product Sale/Purchase/Supply Agreement and its specific terms are silent, the General Terms and Conditions herein shall apply. If the General Terms and Conditions of Sale are silent, the general rules of the governing law shall apply and prevail.

1. ORDER AND ACCEPTANCE

All orders placed by the Buyer shall be subject to SFL's acceptance. SFL shall be at liberty to accept or refuse any order in full or in part without assigning any reasons whatsoever. Orders once accepted by SFL shall not be cancelled by the Buyer unless consented to or by SFL in writing. None of these terms and conditions may be added to, modified, superseded or otherwise altered, except by a written instrument signed by an authorized signatory of SFL. SFL's failure to object to any of the terms and conditions which may be contained in any document of Buyer shall not be construed as a waiver of these conditions or as acceptance of any such terms and conditions.

2. PRICES AND PAYMENT

2.1 Prices prevailing on the date of dispatch of Goods will become applicable irrespective of the fact that Purchase order/delivery order/advance payment for the same been accepted/issued by SFL.

2.2 SFL reserves the right to revise the prices of Goods without any further advance notice to the Buyer or without assigning any reasons thereof.

2.3 SFL shall not be responsible for costs, charge, expenses, losses etc., if any, incurred by the Buyer.

2.4 The Prices are exclusive of GST as applicable on the Goods supplied. SFL shall collect TCS as applicable on the Goods supplied to Buyer.

2.5 Any taxes, cess or duties levied by Central, State, Municipal, Local or any other authority, in effect or hereinafter imposed, on the sale, transportation or delivery of the Products delivered hereunder shall be paid by Buyer, and, if directly paid by SFL, reimbursed to SFL by Buyer with retrospective or prospective effect.

2.6 The Cheque/Drafts/Pay Orders not accepted unless otherwise specifically agreed in writing. The Cheque/Drafts/Pay orders should be drawn by the Buyer in favour of Sundram Fasteners Limited. SFL shall not be liable to loss or theft of Cheque/Drafts/Pay orders etc., in transit.

2.7 Payment terms are net thirty (30) days from the date of the invoice or as mutually agreed in writing.

2.8 Any payments not made within due date shall be subject to a late payment charge for the period of delay beyond due date, penal interest at 18 % per annum.

2.9 SFL reserves its right to appropriate and adjust any sums due to the Buyer against any dues recoverable from the Buyer including delayed payment charges, if any.

2.10 All stipulations as to time of payment of the purchase price of Goods are the essence of the Contract.

3. LOSS OR DAMAGE

Unless otherwise agreed, the risk in the Goods shall pass from SFL to the Buyer the moment they are delivered by SFL to the Buyer or to a Carrier or any other party including Warehouse operated/identified for the purpose (whether named by the Buyer or not) including risk associated with any Goods subsequently returned to SFL. SFL accepts no liability for loss or damage to Goods once handed over to the Buyer or Carrier any other party including Warehouse operated/identified for the purpose instructed/chosen by Buyer.

4. PACKING AND TRANSPORTATION

4.1 Unless otherwise specified by the Buyer, SFL will select the most economical method and route of shipment. In the event that the Buyer is unable or unwilling to take delivery of all or any part of the Goods, SFL shall place them into storage with all costs, including storage, insurance, demurrage, and transportation at the Buyer's expense.

4.2 Packing will be in accordance with SFL/Industry standard practice and Prices quoted are for packing in cartons. SFL retains ownership of any re-usable packaging.

5. DELIVERY AND ACCEPTANCE

5.1 The delivery dates are tentative and no responsibility is accepted by SFL for delay in delivery or failure to deliver as per delivery schedule due to circumstances beyond SFL's control. Delivery/Despatch may be made in one lot or several lots and if made in several lots payment should be made in terms of the payment clause.

5.2 Goods supplied shall be deemed to have been supplied as per the Buyer's specifications unless the Buyer, within 48 hours from the receipt of the Goods give SFL a written notice of any claim, that the Goods are not of stated description or specification to enable SFL to investigate and take appropriate action.

5.3 SFL will not be responsible for any shortage/damages notices after delivery has been taken by the Buyer and not reported on the back side of "Lorry Receipt" of Transporter.

5.4 The Buyer shall provide SFL with the appropriate tax forms/declarations along with payment and shall indemnify SFL against any losses, charges, expenses for non- submissions of the forms.

5.5 The Goods shall be dispatched at such times and in such convenient lots and quantities as SFL shall decide. SFL shall be entitled to cancel an order in whole or in part even if it has been partly executed. Each lot dispatched against a single order shall be considered as a separate contract and failure of dispatch of any one lot or of the balance lots shall not violate the contract as to other lots. The order shall be deemed to have been completed on the date of dispatch in respect of the products actually dispatched in part/full.

5.6 SFL shall not be responsible for delays in dispatch of the Goods for any reason whatsoever and the conditions of dispatch and delivery timing of the same. SFL shall not be liable to make good the loss, if any suffered by the Buyer for delay in dispatch or delivery of the Goods.

5.7 If the Buyer failed to take delivery of the Goods at the rate, date and time specified herein when the delivery becomes due, then SFL will have the option to cancel the delivery and to claim damages, if any.

5.8 Claims by Buyer for shortages or errors in delivery must be made within five (5) days after the delivery of the Goods. Goods are sold subject to the standard manufacturing practices of SFL. Goods purchased on the basis of weight are subject to customary quantity variations recognized by practice in the industry.

5.9 If Buyer requests deferral of deliveries, SFL's agreement to defer delivery shall not excuse Buyer from its obligation to pay for the Goods at the same times and in the same quantities as the original delivery schedule, including interest due pursuant to these terms and conditions. In addition to adhering to the original payment schedule, Buyer shall pay such storage charges as SFL may assess for storing the Goods awaiting delivery. If Buyer requests deferral prior to commencement of production, SFL may require progress payments in connection with expenses for materials and services incurred by SFL in anticipation of production.

5.10 In no case shall delay or non-delivery of the whole or part of the order be a valid ground for the Buyer to reject or withhold payment for the Goods.

6. WARRANTY

6.1 All Goods sold subject to the conditions that SFL's liabilities are limited to the replacement of Goods proved to have been defective in material and/or workmanship, when they are sent back to SFL, but SFL will not be responsible for failure of Goods supplied which have been subject to improper use and/or any process or processes.

6.2 SFL accepts no responsibility for any contingent or resulting liabilities or loss arising through any defective Goods.

6.3 Any claim for replacement will arise only if the Goods are returned within 30 days from the date of Supply.

6.4 All other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.

6.5 Any claims for failure of Goods to confirm to specifications, shortages, or any other cause shall be deemed waived and released by Buyer unless such claim is made in writing within thirty (30) days from the date of receipt of Goods.

6.6 SFL's decision on the cause for any such defects is final and binding.

6.7 SFL will not be responsible for failure of Goods supplied which are manufactured to the print, design, technical specification of the Buyer or sample/prototype approved by Buyer and/or any process or processes prescribed by Buyer.

7. LIMITATION OF LIABILITY

SFL's liability to Buyer, whether in contract, in tort, under any warranty, in negligence or otherwise, shall not exceed in any case the return of the amount of the purchase price paid by Buyer and under no circumstances SFL be liable for special, in direct or consequential damages. The price stated for the Goods is consideration for limiting SFL's liability. No action, regardless of form, arising out of the transactions under the invoice may be brought by Buyer more than one (1) year after the date of the invoice. Without limitation of the foregoing, in no event will SFL be responsible or liable for (a) penalties or penalty clauses of any description, or (b) indemnification of Buyer or others for costs, damages or expenses arising out of or related to the Goods.

8. INDEMNIFICATION

Buyer shall save and hold SFL harmless from any claims, demands, liabilities, costs, expenses or judgments arising in whole or in part, directly or indirectly, out of breach of obligations, non-compliance any statute/act/rues, negligence, any act or omission, lack of care by Buyer or Buyer's customers, agents, employees or invitees involving the handling, use, possession or resale of the Goods supplied by SFL whether used alone or in combination with other Products. This indemnification shall include all costs, attorney's fees and other expenses paid or incurred by or imposed upon SFL in connection with the defense of any such claim.

9. FORCE MAJEURE

SFL shall not be liable in any way for any damage, loss, cost or expense arising out of or in connection with any delay, restriction, interference or failure in performing any obligation towards supply or delivery of Goods caused by any circumstance beyond its reasonable control, including, without limitation, acts of God, laws and regulations, administrative measures, orders or decrees of any court, earthquake, flood, fire, explosion, war, terrorism, riot, sabotage, accident, epidemic, strike, lockout, slowdown, labour disturbances, geo-political events, business exigencies, difficulty in obtaining necessary labour or raw materials, lack of or failure of transportation, breakdown of plant or essential machinery, emergency repair or maintenance, breakdown or shortage of utilities, delay in delivery or defects in Goods supplied by suppliers or subcontractors ("Force Majeure"). Any failure in performing any obligations shall not entitle the Buyer to cancel the Order.

10. INTELLECTUAL PROPERTY RIGHTS

10.1 The sale of Goods to Buyer shall not, by implication or otherwise, convey any license or intellectual property right relating to the Goods to Buyer.

10.2 When Goods are manufactured to Buyer's drawings and/or specifications, the responsibility to ensure that these do not result in infringement of any patent or trademark will lie entirely with the Buyer concerned and the Buyer will be solely responsible for the consequence in case of any such infringement.

10.3 SFL owns and retains all right, title and interest in and to any patents, copyrights, mask works, trade secrets, trademarks and other intellectual property rights in and to the Goods. The Buyer is not permitted to use any SFL's trademark, logo or trade name in its letter head, business cards, printed materials, business communication letters or in connection with any Goods, other than with respect to resale of Goods pre-marked or packaged by or on behalf of SFL without prior written consent of SFL.

10.4 SFL shall not be liable for any loss or damage for infringement of Intellectual Property Rights.

11. CONFIDENTIALITY

All information disclosed by SFL which is either expressly identified as confidential or by its nature is implicitly confidential will be kept in strict confidence by the Buyer and not used by the Buyer.

12. APPLICABLE LAW, JURISDICTION & ARBITRATION

12.1 Any dispute which may arise from and for any Goods supplied to Buyer shall be governed by the Indian laws and subject to the exclusive jurisdiction of the Courts at Chennai.

12.2 Any dispute in connection with or arising between the parties fail to amicably resolve shall be referred to arbitration of a sole arbitrator to be appointed jointly by the parties in accordance with the Indian Arbitration and Conciliation Act, 1996 or statutory modification or enactment thereof. The award of the arbitrator shall be final and binding on the Parties. The place of arbitration shall be Chennai, India, and the language of arbitration proceedings shall be English. Each party irrevocably and unconditionally submits to the jurisdiction of the Courts in Chennai, India, alone to determine any question that may arise other than a matter as provided for hereinabove.

13. MISCELLANEOUS

13.1 All notices or documents addressed to the Buyer shall be deemed to have been validly served if delivered at/or sent by post to their last known address. SFL will not be responsible for any demurrage etc., on consignment due to public holidays, postal delays, etc. or any other reasons beyond SFL's control.

13.2 In case the Buyer fails to make payment on or before Due Date, the Buyer shall be fully responsible for all the consequential losses to SFL including loss of Goods, interest, freight, taxes, duties and any other charges required to be borne by SFL.

13.3 If the Buyer fails to make the payment when it becomes due or if there is any breach by the Buyer of any terms and conditions, SFL may without prejudice to the other rights or remedies cancel this order forthwith or refuse to make further deliveries; in which SFL shall not be held responsible in anyway.

13.4 SFL shall have lien on the Goods delivered/supplied to the Buyer as to the unpaid purchase price of Goods (whether in possession or not in possession) and SFL shall be entitled to exercise the lien to recover the unpaid purchase price by taking back the Goods and shall be entitled to sell the same to any other Buyer and adjust the sum so realised against the unpaid purchase price without prejudice to SFL's other rights and remedies to recover the outstanding dues and/or other dues.

13.5 SFL reserves its right to appropriate and adjust any sums due to the Buyer against any dues recoverable from the Buyer including delayed payment charges, if any.

13.6 The rights and liabilities are not assignable by Buyer in whole or part without prior written consent of SFL.

13.7 Any provision hereof prohibited by law shall be ineffective to the extent of such prohibition and without invalidating the remaining provision hereof.

13.8 No waiver by SFL of a breach of any provision hereof shall constitute a waiver of any other breach of such provision or any other provision.

13.9 Buyer shall be responsible for compliances of law as applicable.

13.10 The price mentioned in the Invoice supersedes the list circulated and all the previous price lists and any other price communication.

13.11 The prices are for Zinc phosphate, Green Finish (5-8Microns)·Trivalent Finish 2500,2600 (Chrome free)· Others would be charged @ 10% Extra or as mutually agreed.

13.12 The Buyer will adhere to the minimum ordering quantities, i.e. standard packing.

13.13 Revision in price if any will be intimated from time to time in the form of Sales Bulletins.

Please quote correct SFL Part Number and Description of items while ordering. For any grievance, claim or clarification please write to - vasudevan.r2@sfl.co.in (Email-ID) and also contact the SFL's Marketing Dept.

OUR DISTRIBUTORS AND THEIR BRANCHES	
DISTRIBUTORS	**Branches at:**
India Motor Parts & Accessories Ltd. 'SUNDARAM TOWERS' 45&46, Whites Road, Chennai - 600 014. Tel. : +91-44-28523996 / 28524097 Fax : +91-44-28523009	Agra, Agartala, Ahmedabad, Asansol, Aurangabad,Bengaluru, Bhubaneshwar, Bhilwara, Chandigarh, Chennai, Coimbatore, Cuttack, Dankuni, Dhanbad, Erode, Ernakulam, Gandhidham, Gorakhpur, Guwahati, Hissar, Hubli, Hyderabad, Indore, Jaipur, Jammu, Jodhpur, Jalandhar, Jamshedpur, Kanpur, Kolkata, Kozhikode, Kota, Kolhapur, Kottayam, Kadapa, Karimnagar, Kumbakonam, Kurnool,Ludhiana, Lucknow, Madurai, Malda, Mangalore, Morigate, Muzaffarpur, Mysuru, Nagpur, New Mumbai, Nanded, Patna, Pune, Purnea, Rajkot, Ranchi, Raipur, Redhills, Sambalpur, Salem, Shimoga, Silchar, Silliguri, Surat, Tinsukia, Tirunelveli, Trichy, Trivandram, Thrissur, , Udaipur, Vadodara, Varanasi, Vellore, Vijayapura, Vijayawada, Visakhapatnam.
Jullundur Motor Agency (Delhi) Ltd. 458-1/16, Sohna Road, Opp. New Court Gurgaon - 122 001. Tel. : +91-124-3099001/02/03 Fax : +91-124-5083079	Agra, Allahabad, Alwar, Amritsar, Asansol, Alampur,Baddi, Bathinda, Bhilwara, Bhubaneswar, Bikaner, Chandigarh, Cuttack, Dehradun, Ghaziabad, Gorakhpur, Gurgaon, Guwahati, Haldwani, Indore, Jabalpur, Jaipur, Jammu, Jamshedpur, Jodhpur, Jalandhar, Kanpur,,Kashmere Gate (Delhi), Kolkata, Kota, Lucknow, Ludhiana, Muzaffarpur, Ranchi, Patiala, Pathankot, Patna, Raipur, Rourkela, Saharanpur, Siliguri, Tinsukia, Udaipur, Varanasi.
JMA Marketing Limited 2E/5 Jhandewalan Extension, New Delhi 110 055. Tel. : +91-11-23532985/41501425	Ahmedabad, Aurangabad, Kolhapur, Latur, Mumbai, Nagpur, Nasik, Nigdi, Pune, Rajkot, Surat, Solapur, Turbhe (Navi Mumbai), Vadodara.
Madras Auto Service **A Division of T.S.Santhanam** **& Family Pvt. Ltd** Plot No.6, S.P. (Developed Plot) Industrial Estate, Guindy, Chennai - 600 032.	Adimali, Allahabad, Ahmednagar, Aurangabad, Bengaluru, Hissar, Hosakote (Bangalore) Belagavi, Ballari, Bikaner, Bhopal, Cuddalore, Chandigarh, Chennai, Delhi, Coimbatore, Ernakulam, Erode, Margoa-Goa, Gorakhpur,Hubli, Hyderabad, Haldwani, Hissar, Indore,Jaipur, Jodhpur,Jammu, Jabalpur,Kanpur, Kannur, Kottayam, Kolhapur, Kurnool, Kukatpally, Kozhikode, Kumbakonam, Latur, Ludhiana,Lucknow,Mangalore, Madurai, Mysuru, Nagpur, Namakkal, Nellore,New Mumbai, Pune, Raipur, Rajahmundry, Redhills,Salem, Sikar, Shimoga, Tambaram, Trichy, Thrissur, Tirupathi, Tirunelveli, Trivandrum,Udaipur, Urapakkam, Varanasi, Vellore, Vijayawada, Visakhapatnam, Warangal, Barelli, Dhule.
Partap Singh & Sons 516/517,Parekh Market,JSS Road., Opera House,Mumbai - 400 004. Tel. : +91-22-43005002 Fax : +91-22-43005003	Agra, Ahmedabad, Ahmednagar, Aurangabad, Bikaner,Bhiwandi, Bhopal, Chandigarh, Dehradun, Chakan, Morigate (Delhi), Dhulia,Ponda - Goa,Gurgaon, Gandhidham, Indore, Kalamboli, Jaipur, Jammu, Jodhpur, Jabalpur, Jalandhar, Jasai, Kanpur, Kolhapur-City, Latur, Mumbai, Nagdevi, Nagpur, Nanded, Nasik,New Mumbai, Nigdi, Neemuch, Pune, Raipur, Rajkot, Sangli, Kolhapur-Shiroli, Solapur, Surat, Turbhe, Ulhasnagar, Vadodara, Vapi, Varanasi, Wadala, Gwalior, Pathankot,, Satna.
Sundaram Motors **A Division of T.S.Santhanam** **& Family Pvt. Ltd** Plot No.6, S.P. (Developed Plot) Industrial Estate, Guindy, Chennai - 600 032.	Bengaluru, Ballari, Belagavi, Bolangir, Bardhaman, Berhampur, Chennai, Cuttack, Guntur, Davanagere, Ponda - Goa, Auto Nagar (Hyderabad), Hubli, Kalaburagi, Karimnagar, Kadapa, Kolkata, Kolhapur, Mangalore, Mysuru, Malda, Muzaffarpur,Nagpur, Nasik, Nellore, New Mumbai, Poonamallee, Pune, Patna, Ranchi, Rajahmundry, Rourkela, Secunderabad, Shimoga, Siliguri, Silchar, Solapur, Vellore, Vijayawada, Vijayapura, Visakhapatnam, Yeshwantpur.
The Associated Auto Parts Pvt. Ltd. 445 Dr.Bhadkamkar Marg (Lamington Road), Mumbai 400 004. Tel. :+91-22-23822354, 23822355	Ahmedabad,Ahmednagar, Aurangabad, Gandhidham, Indore,Jabalpur,Jalgaon,Kolhapur, Navi Mumbai, Nasik, Nanded, Nagpur, Katraj-Pune, Rajkot, Raipur, Surat, Sangli, Solapur, Chimbli Phata (Pune), Ambikapur, Vadodara.
TVS Mobility Pvt. Ltd 8th Floor, A8 & A9, Thiru. Vi.Ka Industrial Estate Guindy, Chennai - 600 032	Bhopal,Cochin, Coimbatore, Dindigul, Jabalpur, Haldwani, Indore, Kanpur,Tirunelveli,Trichy, Pudukottai,Salem, Namakal,Nagerkoil, Madurai, Pondichery,Pollachi, Erode, Dharmapuri, Tirupur, Jaipur, Jodhpur, Kozhikode, Thiruvananthapuram,Kollam,Kottyam,Thrissur,Kannur, Mallapuram, Villupuram, Varanasi
Lucas Indian Service Limited 28, Poomagal Main Road Behind Olympia Park, Ekkattuthangal, Guindy, Chennai- 600032 Tel: +91-44-22255032 Extn 611	Bhubaneswar ,Guwahati,Kolkata, Patna, Ranchi,Siliguri.
CAPL MOTOR PARTS PRIVATE LIMITED 12A, Pragati Estate, Sanand Sarkhej Road, Village: Mouje Fatewadi, Ahmedabad 382210. Contact no: +91 9825454013.	Ahmedabad

Sundram Fasteners Limited
98A, Dr.Radhakrishnan Salai,
7th Floor, Auras Corporate Centre,
Mylapore, Chennai 600 004
Ph : 044-28478500

1st March 2022

Dear Customer,

Our price list number **NO.SF/HEX/01/2022**, based on standard category **effective 1st March 2022** is given in this booklet.

While care is taken to ensure correctness of this price list, we would be pleased if you could communicate your suggestions and improvements of the same.

We are proceeding with limited print hence physical circulation will be restricted with limited copies, while e-price list will be made available.

We welcome your suggestions to upgrade the content of this price list and request you to send in the same to vasudevan.r2@sfl.co.in

Finally, we reserve the right to change any part of this price list without prior notice.

Thanking you and assuring you of our best attention always.

Yours truly,

R.Vasudevan
Deputy General Manager - Marketing

RANGE OF STANDARD SCREW AND BOLTS

METRIC FASTENERS

S.NO	DIA	SCREWS		BOLTS	
		MIN LENGTH	MAX LENGTH	MIN LENGTH	MAX LENGTH
1	M5	8	50	20	55
2	M6	10	80	25	85
3	M8	10	90	30	150
4	M10	12	150	35	200
5	M12	20	200	35	250
6	M14	22	200	45	230
7	M16	25	200	50	300
8	M18	35	180	55	300
9	M20	30	200	60	300
10	M22	45	200	60	300
11	M24	45	220	50	400
12	M27	60	200	90	400
13	M30	50	200	90	500
14	M33	60	200	100	500
15	M36	80	200	100	480
16	M39	80	200	100	480
17	M42	100	200	130	450
18	M45	100	200	130	450
19	M48	100	200	160	420
20	M52	60	190	200	300
21	M56	100	130	220	350

INCH FASTENERS

S.NO	DIA	SCREWS		BOLTS		SCREWS		BOLTS	
		MIN LENGTH	MAX LENGTH	MIN LENGTH	MAX LENGTH	MIN LENGTH	MAX LENGTH	MIN LENGTH	MAX LENGTH
		FOR ALL PITCHES				BSF / BSW PITCH		UNC / UNF PITCH	
1	1/4"	1/2"	2''	3/4"	3.1/2"	1/2"	2''	1"	3''
2	5/16"	1/2"	2''	7/8"	5''	1/2"	2''	1.1/4"	5''
3	3/8"	1/2"	2''	1"	6''	1/2"	3''	1.1/4"	7''
4	7/16"	5/8"	2''	1.1/4"	5''	5/8"	2''	1.1/4"	5''
5	1/2"	3/4"	2.1/2"	1.1/2"	8''	3/4"	3''	1.1/2"	8''
6	5/8"	1/2"	3''	1.3/4"	8''	1''	4''	1.3/4"	8''
7	3/4"	1.1/2"	4''	2''	8''	1.1/4"	4''	2''	8''
8	7/8"	1.1/2"	3''	2.1/4"	8''	1.1/2"	3''	2.1/2''	8''
9	1"	1.1/2"	3''	3''	8''	1.1/2"	3.1/2"	2.3/4''	12''

THREADS PER INCH

S.NO	DIA	UNC	UNF	BSW	BSF
1	1/4"	20	28	20	26
2	5/16"	18	24	18	22
3	3/8"	16	24	16	20
4	7/16"	14	20	14	18
5	1/2"	13	20	12	16
6	9/16"	12	18	12	16
7	5/8"	11	18	11	14
8	3/4"	10	16	10	12
9	7/8"	9	14	9	11
10	1"	8	12	8	10

SPANNER SIZE DETAILS

S.NO	BOLT / SCREW DIA	SPANNER SIZE ACROSS FLAT	SPANNER SIZE NEW ACROSS FLAT
1	4 MM	7 MM	
2	5 MM	8 MM	
3	6 MM	10 MM	
4	7 MM	11 MM	
5	8 MM	13 MM	
6	9 MM	14 MM	
7	10 MM	17 MM	16 MM
8	12 MM	19 MM	18 MM
9	14 MM	22 MM	21 MM
10	16 MM	24 MM	
11	18 MM	27 MM	
12	20 MM	30 MM	
13	22 MM	32 MM/33 MM	
14	24 MM	36 MM	

COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES		
	SPECIFICATION	: IS 1364/2018
	THREAD FIT	: IS 4218/2001
	SUPPLY CONDITION	: IS 1367/2017
	SPECIFICATION	: DIN 931/DIN 933 ISO 4014/4017

RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES OF BOLTS/SCREWS GRADE 8.8 & 10.9

DIA → / LENGTH ↓	M5 ₹	M6 ₹	M8 ₹	M10 ₹	M12 ₹	M14 ₹
8mm	400					
10mm	400	370	605			
12mm	410	400	580	995		
14mm	410	470	605	995		
15mm	410	430	630	995		
16mm	410	410	595	960		
18mm	460	460	435	960		
20mm	485	470	435	900	1430	
22mm	485	485	580	945	1430	2015
25mm	485	485	550	930	1470	2275
28mm	540	525	620	1030	1535	2295
30mm	510	510	620	945	1550	2340
32mm	730	570	670	1090	1560	2435
35mm	555	555	550	945	1560	2435
38mm	760	570	720	1195	1715	2570
40mm	570	570	605	1195	1495	2570
45mm	580	570	650	1035	1870	2260
50mm	800	620	705	1125	2005	2505
55mm		675	850	1365	2080	3210
60mm		675	980	1495	2180	2965
65mm		770	1005	1570	2225	3430
70mm		770	1065	1660	2560	3820
75mm		835	1105	1815	2665	4010
80mm		865	1225	2140	2820	4230
85mm			1230	2260	2940	4330
90mm			1535	2375	3090	4630
95mm			1625	2545	3290	5250
100mm			1715	2580	3610	5340
105mm			1815	2760	3840	5735
110mm			1940	2800	4010	6060
115mm			2470	3545	4875	7290
120mm			2470	3305	4270	6415
125mm			2530	3380	4455	6550
130mm			2605	3975	4540	6910
135mm			2965	4690	4875	8990
140mm			3110	4110	5460	9845
145mm			3475	6340	6565	10515
150mm			3475	6340	7840	10845
155mm				6605	7840	11880
160mm				6605	7840	12125
165mm				6910	7865	12325
170mm				6910	7865	12610
175mm				6910	8220	13005
180mm				7165	8505	13005
185mm				0	10585	13475
190mm				7755	10585	13475
195mm				0	11245	13900
200mm				0	11245	13900

Note:
* For any intermediate length of Bolt/Screw the next higher size price will be charged.
*Prices applicable for Zinc Phosphate Black Finish (0200) , Zinc Green Finish (0900) , Trivalent finish 2500,2600 (Chrome Free)
For all other Finish the List will be shared based on Enquiry
*12.9 Grade price will be based on Enquiry
*For Screw longer than the std Maximum Length mentioned in Page 7 will be based on Enquiry

COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES		
	SPECIFICATION	: IS 1364/2018
	THREAD FIT	: IS 4218/2001
	SUPPLY CONDITION	: IS 1367/2017
	SPECIFICATION	: DIN 931/DIN 933 ISO 4014/4017

RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES OF BOLTS/SCREWS
GRADE 8.8 & 10.9

DIA → LENGTH↓	M16	M18	M18 fine pitch	M20	M20 fine pitch	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
25mm	3345					0	0	0	0	0	0	0	0	0	0
28mm	3345					0	0	0	0	0	0	0	0	0	0
30mm	3345			7000		0	0	0	0	0	0	0	0	0	0
32mm	3355			7000		0	0	0	0	0	0	0	0	0	0
35mm	3355	6260	6885	7000		0	0	0	0	0	0	0	0	0	0
38mm	3395	6260	6885	7000		0	0	0	0	0	0	0	0	0	0
40mm	3395	6260	6885	7000	7705	0	0	0	0	0	0	0	0	0	0
45mm	3665	6535	7180	7000	7970	8315	11605	0	0	0	0	0	0	0	0
50mm	3855	6715	7410	7245	7970	9215	11605	0		0	0	0	0	0	0
55mm	4115	7180	7895	7535	8275	9920	11645	0		0	0	0	0	0	0
60mm	4420	7410	8135	7980	8775	10275	12065	0	36635	0	0	0	0	0	0
65mm	4670	7665	8425	8240	9395	11540	12495	26535	36635	0	0	0	0	0	0
70mm	4960	7980	8775	8550	9395	11925	13240	26535	36635	0	0	0	0	0	0
75mm	5310	8455	9305	8895	9780	12335	13730	28555	36635	49000	78710	0	0	0	0
80mm	5795	8455	9305	9150	10060	12810	15085	29815	36635	49000	78710	0	0	0	0
85mm	5960	8705	9905	9960	10955	13225	15580	32595	39925	52030	65925	0	0	0	0
90mm	6195	8990	9905	9730	10705	13645	16100	32595	42935	52030	65925	0	0	0	0
95mm	6700	9230	10485	10060	11305	14130	16555	35375	42945	55575	68700	64280	120015	0	0
100mm	6735	9535	10485	10290	11305	13855	17405	35375	42945	55575	68700	64280	120015	0	
105mm	7160	10200	11540	10765	11955	15565	17575	38155	47245	59875	73240	67060	127690	0	0
110mm	7310	10485	11540	10865	11955	15850	18095	38155	47245	59875	73240	73800	127690	0	0
115mm	9395	12260	14210	12545	14795	18830	21250	38905	48250	61375	74750	77715	135375	0	0
120mm	8155	11055	12440	11770	12945	16915	19105	38905	48250	61375	74750	82835	135375	0	0
125 mm	8240	11295	12440	12220	13845	17425	19565	40175	50530	64655	78550	85470	135375	0	0
130mm	9750	11550	12720	12575	13845	17840	20015	40175	50530	64655	78550	89740	143045	0	0
135mm	11415	13480	14825	14700	16445	20895	23455	42945	53550	68700	83085	96640	143045	0	0
140mm	9950	12065	13265	13075	14385	18725	20965	42945	53550	68700	83085	99400	143045	0	0
145mm	10680	12375	13615	13465	15180	19125	21540	45485	56580	72480	87630	105980	159075	0	0
150mm	11835	12905	14195	13805	15180	19610	21995	45485	56580	72480	87630	109920	159075	178160	177495
155mm	12085	14045	15455	15390	16945	20845	23455	47995	61135	75760	91930	115175	166900	186930	180125
160mm	12260	14310	15745	15685	17255	21345	23920	47995	61135	75760	91930	123070	166900	186930	182750
165mm	13075	14590	16065	16065	17665	21890	24450	53045	67435	83085	106815	126885	174580	195530	186700
170mm	13335	14860	16355	16335	17965	22225	24970	53045	67435	83085	106815	130300	174580	195530	190640
175mm	13535	15250	16780	16655	18325	22750	25450	53045	67435	83085	106815	133450	182265	0	0
180mm	13790	15495	17040	17055	18760	23165	25990	53045	67435	83085	106815	136475	182265	204145	197210
185mm	14015	15835	17425	17370	19105	23615	26455	57840	73500	90405	115655	144100	189995	0	0
190mm	14225	16080	17685	17655	19415	24120	26980	57840	80860	90405	115655	148050	189995	0	0
195mm	14505	16420	18075	18000	19815	24560	27525	57840	73500	90405	115655	151860	197715	0	
200mm	14930	16675	18350	18365	20205	23825	28030	57840	73500	90405	115655	159095	197715	221445	219405

Note:
* For any intermediate length of Bolt/Screw the next higher size price will be charged.
*Prices applicable for Zinc Phosphate Black Finish (0200) , Zinc Green Finish (0900) ,
Trivalent finish 2500,2600 (Chrome Free)
For all other Finish the List will be shared based on Enquiry
*12.9 Grade price will be based on Enquiry
*For Screw longer than the std Maximum Length mentioned in Page 7 will be based on Enquiry

COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES			
	SPECIFICATION	:	IS 1364/2018
	THREAD FIT	:	IS 4218/2001
	SUPPLY CONDITION	:	IS 1367/2017
	SPECIFICATION	:	DIN 931/DIN 933 ISO 4014/4017

RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES OF BOLTS/SCREWS GRADE 8.8 & 10.9

DIA → LENGTH↓	M12	M14	M16	M18	M18 fine pitch	M20	M22	M24
	₹	₹	₹	₹	₹	₹	₹	₹
205mm	15655	17080	21435	18100	19905	39770	47185	54300
210mm	17080	18505	21435	18400	20240	39770	47185	54300
215mm	18505	19215	21435	19295	21235	39770	47185	54300
220mm	19925	22060	21435	20070	22085	39770	47185	54300
225mm	21355	23475	23050	21070	23175	36160	51110	56250
230mm	24175	24390	23050	21640	23795	36160	51110	56250
235mm	25600	27020	23050	21995	24195	36160	51110	56250
240mm	26880	28720	23050	22280	24505	36160	51110	56250
245mm	28440	30145	23530	22910	25210	37915	53055	58195
250mm	31100	33520	23530	23230	25545	37915	53055	58195
255mm	32105	35355	23530	27745	30515	37915	53055	58195
260mm			23530	30305	33340	37915	53055	58195
265mm			25970	31870	35055	41345	58970	63985
270mm			25970	33785	37170	41345	58970	63985
275mm			25970	34285	37720	41345	58970	63985
280mm			25970	35215	38735	41345	58970	63985
285mm			28555	0		45060	65460	100275
290mm			28555	0		45060	65460	100275
295mm			28555	0		45060	65460	100275
300mm			28555	38990		45060	65460	100275
305mm			34275			48735		100360
310mm			34275			48735		101490
315mm			34275			48735		102560
320mm			34275			48735		106135
325mm			35680			51600		109710
330mm			37075			51600		113905
335mm			38460			51600		115675
340mm			39210			51600		116255
345mm			39420					116875
350mm			39420					118060
355mm			39420					119250
360mm			39420					119500
365mm			42010					119850
370mm			43540					120090
375mm			44935					120210
380mm			45080					120330
385mm			45340					120450
390mm			45340					120690
395mm			45340					121040
400mm			45340					121580

Note:
* For any intermediate length of Bolt/Screw the next higher size price will be charged.
*Prices applicable for Zinc Phosphate Black Finish (0200) , Zinc Green Finish (0900) , Trivalent finish 2500,2600 (Chrome Free)
For all other Finish the List will be shared based on Enquiry
*12.9 Grade price will be based on Enquiry
*For Screw longer than the std Maximum Length mentioned in Page 7 will be based on Enquiry

COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES			
	SPECIFICATION	:	IS 1364/2018
	THREAD FIT	:	IS 4218/2001
	SUPPLY CONDITION	:	IS 1367/2017
	SPECIFICATION	:	DIN 931/DIN 933 ISO 4014/4017

RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES OF BOLTS/SCREWS GRADE 8.8 & 10.9

DIA → LENGTH↓	M27	M30	M33	M36	M39	M42	M45	M48
	₹	₹	₹	₹	₹	₹	₹	₹
205mm	79795	88640	109350	138645	163165	204770		
210mm	79795	88640	109350	138645	168955	204770	237235	
215mm	79795	88640	109350	138645	173020	211820		
220mm	79795	88640	109350	138645	176845	211820	237235	241585
225mm	85875	94960	117430	148735	179995	221060		
230mm	85875	94960	117430	148735	185515	221060	247585	241585
235mm	85875	94960	117430	148735	188015	230305		
240mm	85875	94960	117430	148735	191960	230305	257940	257690
245mm	91675	101275	126275	158830	195905	239545		
250mm	91675	101275	126275	158830	199840	239545	268290	282675
255mm	91675	101275	126275	158830	205100	248785		
260mm	91675	101275	126275	158830	212990	248785	278650	303705
265mm	97240	107590	135095	168660	217075	253770		
270mm	97240	107590	135095	168660	220880	253770	284215	318165
275mm	97240	107590	135095	168660	226140	258185		
280mm	97240	107590	135095	168660	230085	258185	289165	327440
285mm	101770	114740	143685	202510	231400	267435		
290mm	101770	114740	143685	202510	236795	267435	299530	335260
295mm	101770	114740	143685	202510	240730	276670		
300mm	101770	114740	143685	202510	244680	276670	309875	343150
305mm		115335	149375	204810	249145	284385		
310mm		115620	152220	204810	251250	285805		
315mm		118170	155065	204810	253880	287225		
320mm		118610	157620	204810	256645	291500		357745
325mm		119610	171970	220410	259275	292915		
330mm		121020	186200	221830	261900	294340		
335mm		123870	189040	224670	264525	295765		
340mm		125285	191885	227510	267160	298605		393515
345mm		128135	194735	234620	269785	300025		
350mm		131120	196510	234620	273605	302865		
355mm		133960	200915	234620	276235	312825		
360mm		135710	203895	234620	278855	315660		
365mm		137125	206725	234620	282805	317085		
370mm		139965	209570	248840	285435	319935		
375mm		142825	212145	248840	288065	327035		
380mm		144230	215120	263060	293320	329890		
385mm		147080	224785	265900	297270	338415		
390mm		147080	226310	267325	301205	341265		
395mm		147080	230505	268745	305945	348375		
400mm		147080	230785	270165	309095	355475		
430mm						426540		

Note:
* For any intermediate length of Bolt/Screw the next higher size price will be charged.
*Prices applicable for Zinc Phosphate Black Finish (0200) , Zinc Green Finish (0900) , Trivalent finish 2500,2600 (Chrome Free)
For all other Finish the List will be shared based on Enquiry
*12.9 Grade price will be based on Enquiry
*For Screw longer than the std Maximum Length mentioned in Page 7 will be based on Enquiry

COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS

INCH SERIES

SPECIFICATION	:	ANSI: B 18-2.1/BS1083
THREAD FIT	:	ANSI: B 1.1/BS1083
SUPPLY CONDITION	:	SAE: J429/BS1083

	Screw	Bolt	GRADE R,BSW/BSF									
DIA → LENGTH↓	1/4"	1/4"	5/16"	3/8"	7/16"	1/2 "	9/16"	5/8"	3/4"	7/8"	1"	1-1/4"
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
1/2"	470	500	665	1020								
5/8"	605	645	665	1070	955							
3/4"	540	575	615	890	955	1695						
7/8"	500	535	685	1125	1070	1830						
1"	525	560	665	805	1100	1780	2070	3335				
1-1/8"	555	590	685	855	1195	1935	2255	3600				
1-1/4"	540	575	665	880	1185	1890	2255	3550	6835			
1-3/8"	570	605	745	955	1220	2055	2635	3895	7155			
1-1/2"	580	615	780	955	1255	1865	2635	3725	6835	9550	13255	
1-5/8"	630	675	815	1100	1485	2180	2635	3965	7430	10005	13255	
1-3/4"	605	645	855	1040	1455	2100	2635	3800	7095	10005	13255	
1-7/8"	690	730	915	1195	1595	2390	2635	4155	7905	10510	13280	
2"	660	700	880	1135	1560	2300	2665	3985	7560	10510	13280	
2-1/8"	700	745	970	1185	1705	2425	3065	4210	7920	11115	13805	
2-1/4"	700	745	970	1185	1780	2425	3065	4210	7920	11115	13805	47125
2-3/8"	730	780	1010	1310	1830	2470	3495	4620	8305	11655	14415	48570
2-1/2"	730	780	1010	1310	1830	2470	3790	4620	8305	11655	14415	50020
2-5/8"	825	880	1125	1430	1975	2500	3935	4995	9065	12200	15385	50745
2-3/4"	825	880	1125	1430	1975	2500	4015	4995	9065	12200	15385	53695
2-7/8"	895	955	1185	1505	2120	2725	4070	5370	9410	12760	16090	52155
3"	895	955	1185	1505	2120	2725	4285	5370	9410	12760	16090	52495
3-1/4"	1070	1135	1195	1605	2280	3145	4775	5715	10065	14260	17515	53950
3-1/2"	1125	1195	1280	1705	2335	3030	4775	6190	10395	14780	18255	54210
3-3/4"			1770	2195	2755	3395		6430	11325	15040	18955	55250
3-7/8"			1865	2335	3010	3430		7015	11655	15805	20095	56470
4"			1865	2335	3010	3430		7015	11655	15805	20095	56640
4-1/8"			1920	2300	3420	3835		7285	12140	17155	21590	63040
4-1/4"			1920	2300	3275	3835		7285	12140	17155	21590	63040
4-3/8"			2025	2390	3495	3965		7550	12495	17550	22110	63040
4-1/2"			2025	2390	3335	3965		7550	12495	17550	22110	63040
4-5/8"			2100	2245	3335	4255		8420	12890	18290	22840	63040
4-3/4"			2100	2470	3335	4255		8420	12890	18290	22840	63040
5"			2195	2555	3745	4225		8500	13300	18880	23610	63040
5-1/4"				3925	5115	6265		9395	13720	19345	24340	68875
5-1/2"				4115	5115	6950		9765	14175	19885	25110	68875
5-3/4"				4475		7700		9915	14725	20510	25825	68875
6"				4660		8490		10020	14930	21095	26660	68875
6-1/4"				5740		8645		11115	15345	21680	27390	68875
6-1/2"				5740		8645		11395	15745	22310	28225	68875
6-3/4"				5740		9055		11655	16140	22840	28940	68875
7"				5740		9370		11920	16555	23505	29730	78995
7-1/4"						10125		12200	16965	24105	30495	78995
7-1/2"						10125		12455	17310	24700	31225	78995
7-3/4"						10325		12700	17830	25280	32360	78995
8"						10545		13005	18120	25860	33295	78995
8-1/2"									20855	29745	38290	79885
9-1/4"									23980	34205	44045	87900
9-1/2"									27570	39340	50655	92700

Note: 1. For Grade J & Grade T, Grade 5.2 Prices will be on enquiry.

HOT FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES			
	SPECIFICATION	:	IS 1364/2018
	THREAD FIT	:	IS 4218/2001
	SUPPLY CONDITION	:	IS 1367/2017
	SPECIFICATION	:	DIN 931/DIN 933 ISO 4014/4017

RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES OF BOLTS/SCREWS
GRADE 8.8 & 10.9

S.NO	Length	52mm Screw	56mm Screw
1	60	147000	152250
2	70	155925	173775
3	80	164850	183750
4	90	174825	192675
5	100	183750	201600
6	110	192675	210000
7	120	201600	220500
8	130	211575	229425
9	140	220500	237825
10	150	229425	248325
11	160	238875	257250
12	170	248325	265650
13	180	257250	275100
14	190	265650	284025

S.NO	Length	52mm Bolt	56mm Bolt
1	200	287700	-
2	210	295575	-
3	220	306075	336525
4	230	316575	349125
5	240	326025	361725
6	250	337575	373275
7	260	348075	385875
8	270	358050	397950
9	280	368550	408975
10	290	379050	422100
11	300	389550	434700

Note:
* For any intermediate length of Bolt/Screw the next higher size price will be charged.
*Prices applicable for Zinc Phosphate Black Finish (0200) , Zinc Green Finish (0900) ,
*Trivalent finish2400, 2500,2600 & 2700 (Chorme Free)
For all other Finish the List will be shared based on Enquiry
*12.9 Grade price will be based on Enquiry
*For Screw longer than the std Maximum Length mentioned in Page 6 will be based on Enquiry

COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS

INCH SERIES

SPECIFICATION	:	**ANSI: B 18-2.1/BS1083**
THREAD FIT	:	**ANSI: B 1.1/BS1083**
SUPPLY CONDITION	:	**SAE: J429/BS1083**

	Screw	Bolt	GRADE 5.2 & 8 for UNC/UNF									
DIA → LENGTH↓	1/4"	1/4"	5/16"	3/8"	7/16"	1/2 "	9/16"	5/8"	3/4"	7/8"	1"	1-1/4"
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
1/2"	470	500	665	1020								
5/8"	605	645	665	1070	955							
3/4"	540	575	615	890	955	1695						
7/8"	500	535	685	1125	1070	1830						
1"	525	560	665	805	1100	1780	2070	3335				
1-1/8"	555	590	685	855	1195	1935	2255	3600				
1-1/4"	540	575	665	880	1185	1890	2255	3550	6835			
1-3/8"	570	605	745	955	1220	2055	2635	3895	7155			
1-1/2"	580	615	780	955	1255	1865	2635	3725	6835	9550	13255	
1-5/8"	630	675	815	1100	1485	2180	2635	3965	7430	10005	13255	
1-3/4"	605	645	855	1040	1455	2100	2635	3800	7095	10005	13255	
1-7/8"	690	730	915	1195	1595	2390	2635	4155	7905	10510	13280	
2"	660	700	880	1135	1560	2300	2665	3985	7560	10510	13280	
2-1/8"	700	745	970	1185	1705	2425	3065	4210	7920	11115	13805	
2-1/4"	700	745	970	1185	1780	2425	3065	4210	7920	11115	13805	47125
2-3/8"	730	780	1010	1310	1830	2470	3495	4620	8305	11655	14415	48570
2-1/2"	730	780	1010	1310	1830	2470	3790	4620	8305	11655	14415	50020
2-5/8"	825	880	1125	1430	1975	2500	3935	4995	9065	12200	15385	50745
2-3/4"	825	880	1125	1430	1975	2500	4015	4995	9065	12200	15385	53695
2-7/8"	895	955	1185	1505	2120	2725	4070	5370	9410	12760	16090	52155
3"	895	955	1185	1505	2120	2725	4285	5370	9410	12760	16090	52495
3-1/4"	1070	1135	1195	1605	2280	3145	4775	5715	10065	14260	17515	53950
3-1/2"	1125	1195	1280	1705	2335	3030	4775	6190	10395	14780	18255	54210
3-3/4"			1770	2195	2755	3395		6430	11325	15040	18955	55250
3-7/8"			1865	2335	3010	3430		7015	11655	15805	20095	56470
4"			1865	2335	3010	3430		7015	11655	15805	20095	56640
4-1/8"			1920	2300	3420	3835		7285	12140	17155	21590	63040
4-1/4"			1920	2300	3275	3835		7285	12140	17155	21590	63040
4-3/8"			2025	2390	3495	3965		7550	12495	17550	22110	63040
4-1/2"			2025	2390	3335	3965		7550	12495	17550	22110	63040
4-5/8"			2100	2245	3335	4255		8420	12890	18290	22840	63040
4-3/4"			2100	2470	3335	4255		8420	12890	18290	22840	63040
5"			2195	2555	3745	4225		8500	13300	18880	23610	63040
5-1/4"				3925	5115	6265		9395	13720	19345	24340	68875
5-1/2"				4115	5115	6950		9765	14175	19885	25110	68875
5-3/4"				4475		7700		9915	14725	20510	25825	68875
6"				4660		8490		10020	14930	21095	26660	68875
6-1/4"				5740		8645		11115	15345	21680	27390	68875
6-1/2"				5740		8645		11395	15745	22310	28225	68875
6-3/4"				5740		9055		11655	16140	22840	28940	68875
7"				5740		9370		11920	16555	23505	29730	78995
7-1/4"						10125		12200	16965	24105	30495	78995
7-1/2"						10125		12455	17310	24700	31225	78995
7-3/4"						10325		12700	17830	25280	32360	78995
8"						10545		13005	18120	25860	33295	78995
8-1/2"									20855	29745	38290	79885
9-1/4"									23980	34205	44045	87900
9-1/2"									27570	39340	50655	92700

Note:1. For Grade other than 5.2 & 8 prices will be on enquiry.

HEXAGONAL NUTS					
INCH SERIES					
SPECIFICATION : ANSI:B-18-2.2/BS1083			MECHANICAL PROPERTY : GR 5 - SOFT		
SUPPLY CONDITION : SAE J 995 / BS 1083			THREAD FIT : ANSI B1.1 / BS 1083		
RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES IN PHOSPHATED FINISH					
SLNO.	INCH NUT	LIST Rs. P.	SLNO.	INCH NUT	LIST Rs. P.
1	1/4"	175	7.	3/4"	2810
2	5/16"	185	8.	7/8"	3225
3	3/8"	280	9.	1"	4695
4	7/16"	430	10.	1 ¼ " Nut UNC As Per BS1768	24315
5	1/2 "	685	11.	1 ½ " Nut UNC As Per BS1768	34040
6	5/8" BSF/UNF/UNC	1455	12.	1 ¾" Nut UNC As Per BS1768	48625
			13.	2" Nut UNC As Per BS1768	72930

1. For Grade 8 Prices will be on enquiry

METRIC SERIES							
SPECIFICATION: ISO 4032 / DIN 934				MECHANICAL PROPERIY : GR 8 / GR 10			
SUPPLY CONDITION : IS : 1367 / 2002				THREAD FIT : IS : 4218 / 2001			
RECOMMENDED RETAIL PRICES IN RUPEES PER 100 PIECES IN PHOSPHATED FINISH							
SLNO.	DIA & PITCH	LIST PRICE Rs. P.		SLNO.	DIA & PITCH	LIST PRICE Rs. P.	
		GR 8	GR 10			GR 8	GR 10
1	M 4 x 0.7	150		18	M 18 X 1.5	1995	1995
2	M 5 x 0.8	170		19	M 18 X 2.5	1995	1995
3	M 6 x 1	150	180	20	M 20 X 1.5	2810	2810
4	M 8 x 1	190	200	21	M 20 X 2.5	2810	2810
5	M 8 x 1.25	180	190	22	M 22 X 1.5	3655	3655
6	M 10 x 1	275	350	23	M 22 X 2.5	3655	3655
7	M 10 X 1.25	275	350	24	M 24 X 2	4345	4345
8	M 10 X 1.5	275	350	25	M 24 X 3	4345	4345
9	M 12 X 1	475		26	M 27 X 3	7795	7795
10	M 12 X 1.25	475	645	27	M 30 X 3.5	10900	10900
11	M 12 X 1.5	475	515	28	M 33 X 3.5	15070	15070
12	M 12 X 1.75	475	515	29	M 36 X 4	20325	20325
13	M 14 X 1.5	1050	1230	30	M 39 X 4	29755	29755
14	M 14 X 2.0	1050	1230	31	M 42 X 4.5	38255	38255
15	M 16 X 1.25	1350	1470	32	M 45 X 4.5	41555	41555
16	M 16 X 1.5	1350	1350	33	M 48 X 5	55355	55355
17	M 16 X 2.0	1350	1350	34	M 52 X 5	0	73230
				35	M 56 X 5.5	0	88580

For S.No.9, 16, 20, 21, 22, 28, 32 & 33 - Check Delivery and Quantity commitment at Enquiry Stage.

FORGED PRECISION HEXAGONAL SUNLOC NUTS

SPECIFICATION: DIN 982				SPECIFICATION: BS 1083 (P-TYPE)			
SLNO.	DIAMETER	LIST PRICE Rs. P.		SLNO.	INCH NUT	LIST PRICE Rs. P.	
		GR 8	GR 10			THIN	THICK
1	M6 x 1	235	265	1	1/4" BSW/UNC/UNF		280
2	M8 x 1	325	390	2	1/4" BSF		295
3	M8 x 1.25	325	325	3	5/16" BSW/UNC/UNF	430	400
4	M10 x 1	550	550	4	5/16" BSF	445	420
5	M10 x 1.25	550	585	5	3/8" BSW/UNC/UNF	585	540
6	M10 x 1.5	550	710	6	3/8"BSF	610	555
7	M12 x 1.25	810	0	7	7/16" UNC/UNF	885	805
8	M12 x 1.50	810	990	8	7/16" BSF	915	850
9	M12 x 1.75	810	990	9	1/2" BSW/UNF/UNC		935
10	M14 x 1.5	1295	1455	10	1/2" BSF	1020	975
11	M14 x 2	1295	1455	11	5/8" BSW/UNF/UNC		2015
12	M16 x 1.5	1725	1845	12	5/8" BSF		2100
13	M16 x 2	1725	1940	13	3/4" BSF		4255
14	M18 x 2.5	7175	7175				
15	M20 x 2.5	8740	8740				
16	M22 x 2.5	9125	9125				
17	M24 x 3	11335	11335				
18	M27 x 3	13945	13945				
19	M30 x 3.5	18890	18890				
20	M36 x 4	23035	23035				
21	M42x 4.5	42010	42010				
22	M48 x 5	55125	55125				

NOTES

1. Grade 10, STD Pitch Nuts DELIVERY TIME -10Weeks
2. Grade 10 Non STD Pitch Nuts on enquiry only
3. Metric Grade 10 Sunloc Nuts -DELIVERY TIME - 8 Weeks
4. Metric Grade 8 Sunloc Nuts - DELIVERY TIME - 8 Weeks
5. Thin Type Sunloc Nuts on ENQUIRY only
6. DIN 985 Nuts on enquiry only

COLD FORGED PRECISION HEXAGONAL / SQUARE - WELD NUTS					
(WITHOUT ANY SURFACE FINISH AS FORGED AND OILED)					
THREAD FIT : IS : 4218 - THREAD TOLERANCE TO '6 H'					
SQUARE WELD NUT			HEXAGONAL WELD NUT		
SFL PART NO	DIA	List Price Rs. P.	SFL PART NO	DIA	List Price Rs. P.
M91050	M5 x 0.8	330	M01020	M4 x .07	205
M90540	M6 x 1	375	M01030	M5 x .08	220
M90580	M8 x 1	415	M01040	M6 x 1	205
M90610	M8 x 1.25	350	M01180	M8 x 1.25	330
M93130	M10 x 1.5	390	M01190	M10 x 1.5	390
M91990	M10 x 1.25	510	M01630	M10 x 1.25	525
M93140	M12 x 1.75	1100	M01750	M12 x 1.75	640
METRIC SERIES					
SLOTTED NUTS			CASTLE NUTS		
SFL PART NO	DIA	List Price Rs. P.	SFL PART NO	DIA	List Price Rs. P.
913082110-0200	M8 x 1.25	830	915123110	M12 x 1.5 Gr.8	1690
913103110-0200	M10 x 1.5	985	915123113	M12 x 1.5 Gr.10	1925
913123110-0200	M12 x 1.5	1690	915165110	M16 x 2 Gr.8	2705
913124110-0200	M12 x 1.75	1690			
913163110-0200	M16 x 1.5	2705			
913165110-0200	M16 x 2	2705			
INCH SERIES					
SLOTTED NUTS			CASTLE NUTS		
SFL PART NO	DIA	List Price Rs. P.	SFL PART NO	DIA	List Price Rs. P.
923162110-0200	1/2" BSF	1820	925125110-0200	3/8" UNF	1040
923202113-0200	5/8" BSF	3185	925162110-0200	1/2" BSF	1820
			925162113-0200 S/C	1/2" BSF	1975
			925165110-0200	1/2" UNF	1735

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Sundram Fasteners Limited

RETAIL PRICE LIST

NO.SF/SOCKET/02/2021

SOCKET PRODUCTS-STANDARD APPLICATION

Effective 1st September 2021

SOCKET PRODUCTS

Marketing Office	Registered Office
98A, Dr.Radhakrishnan Salai, 7th Floor, Auras Corporate Centre, Mylapore, Chennai 600 004	98A, Dr.Radhakrishnan Salai, 7th Floor, Auras Corporate Centre, Mylapore, Chennai 600 004

Factories			
Padi Unit	**Pondicherry Unit**	**Krishnapuram Unit**	**Uttarkhand Unit**
Padi, Chennai 600050 GST No.: 33AAACS8779D1Z7	Korkadu, Villianur (via) Pondicherry 605110 GST No.: 34AAACS8779D1Z5	Krishnapuram, Aruppukottai Road, Aviyur 626 160 (TN) GST No.: 33AAACS8779D1Z7	Plot No.60 Sector 11 Intrgrated Indl. Estate Pantnagar Rudrapur 263 153 GST No: 05AAACS8779D1Z6
	WEF & INFRA UNIT		
	135/3,136/1 - Mandagapattu Road, Mitta Mandagapattu Village Villupuram Dist. 605106 (TN) GST No: 33AAACS8779D1Z7		
	CIN No. L359999TN1962PLC004943 GST No: 33AAACS8779D1Z7 www.sundram.com Email: marketing@fasteners.sfl.co.in		

Intertek

GENERAL CONDITIONS FOR SALE

(RELATED TO PRICE LIST NO.SF/SOCKET/02/2021)

All quotations, purchase orders or requests are subject to the following terms and conditions of sale. Any qualifications to these conditions made by the Buyer will not apply unless expressly accepted in writing by Sundram Fasteners Limited (hereinafter, called as **"SFL"**). These General Terms and Conditions of Sale shall not be applicable where SFL and Buyer had entered into Product Sale/Purchase/Supply Agreement. In the event of any dispute, ambiguity in interpretation or claim between SFL and the Buyer the Product Sale/Purchase/Supply Agreement and its specific terms shall apply first. To the extent that the individual Product Sale/Purchase/Supply Agreement and its specific terms are silent, the General Terms and Conditions herein shall apply. If the General Terms and Conditions of Sale are silent, the general rules of the governing law shall apply and prevail.

1. ORDER AND ACCEPTANCE

All orders placed by the Buyer shall be subject to SFL's acceptance. SFL shall be at liberty to accept or refuse any order in full or in part without assigning any reasons whatsoever. Orders once accepted by SFL shall not be cancelled by the Buyer unless consented to or by SFL in writing. None of these terms and conditions may be added to, modified, superseded or otherwise altered, except by a written instrument signed by an authorized signatory of SFL. SFL's failure to object to any of the terms and conditions which may be contained in any document of Buyer shall not be construed as a waiver of these conditions or as acceptance of any such terms and conditions.

2. PRICES AND PAYMENT

2.1 Prices prevailing on the date of dispatch of Goods will become applicable irrespective of the fact that Purchase order/delivery order/advance payment for the same been accepted/issued by SFL.

2.2 SFL reserves the right to revise the prices of Goods without any further advance notice to the Buyer or without assigning any reasons thereof.

2.3 SFL shall not be responsible for costs, charge, expenses, losses etc., if any, incurred by the Buyer.

2.4 The Prices are exclusive of GST as applicable on the Goods supplied. SFL shall collect TCS as applicable on the Goods supplied to Buyer.

2.5 Any taxes, cess or duties levied by Central, State, Municipal, Local or any other authority, in effect or hereinafter imposed, on the sale, transportation or delivery of the Products delivered hereunder shall be paid by Buyer, and, if directly paid by SFL, reimbursed to SFL by Buyer with retrospective or prospective effect.

2.6 The Cheque/Drafts/Pay Orders not accepted unless otherwise specifically agreed in writing. The Cheque/Drafts/Pay orders should be drawn by the Buyer in favour of Sundram Fasteners Limited. SFL shall not be liable to loss or theft of Cheque/Drafts/Pay orders etc., in transit.

2.7 Payment terms are net thirty (30) days from the date of the invoice or as mutually agreed in writing.

2.8 Any payments not made within due date shall be subject to a late payment charge for the period of delay beyond due date, penal interest at 18 % per annum.

2.9 SFL reserves its right to appropriate and adjust any sums due to the Buyer against any dues recoverable from the Buyer including delayed payment charges, if any.

2.10 All stipulations as to time of payment of the purchase price of Goods are the essence of the Contract.

3. LOSS OR DAMAGE

Unless otherwise agreed, the risk in the Goods shall pass from SFL to the Buyer the moment they are delivered by SFL to the Buyer or to a Carrier or any other party including Warehouse operated/identified for the purpose (whether named by the Buyer or not) including risk associated with any Goods subsequently returned to SFL. SFL accepts no liability for loss or damage to Goods once handed over to the Buyer or Carrier any other party including Warehouse operated/identified for the purpose instructed/chosen by Buyer.

4. PACKING AND TRANSPORTATION

4.1 Unless otherwise specified by the Buyer, SFL will select the most economical method and route of shipment. In the event that the Buyer is unable or unwilling to take delivery of all or any part of the Goods, SFL shall place them into storage with all costs, including storage, insurance, demurrage, and transportation at the Buyer's expense.

4.2 Packing will be in accordance with SFL/Industry standard practice and Prices quoted are for packing in cartons. SFL retains ownership of any re-usable packaging.

5. DELIVERY AND ACCEPTANCE

5.1 The delivery dates are tentative and no responsibility is accepted by SFL for delay in delivery or failure to deliver as per delivery schedule due to circumstances beyond SFL's control. Delivery/Despatch may be made in one lot or several lots and if made in several lots payment should be made in terms of the payment clause.

5.2 Goods supplied shall be deemed to have been supplied as per the Buyer's specifications unless the Buyer, within 48 hours from the receipt of the Goods give SFL a written notice of any claim, that the Goods are not of stated description or specification to enable SFL to investigate and take appropriate action.

5.3 SFL will not be responsible for any shortage/damages notices after delivery has been taken by the Buyer and not reported on the back side of "Lorry Receipt" of Transporter.

5.4 The Buyer shall provide SFL with the appropriate tax forms/declarations along with payment and shall indemnify SFL against any losses, charges, expenses for non- submissions of the forms.

5.5 The Goods shall be dispatched at such times and in such convenient lots and quantities as SFL shall decide. SFL shall be entitled to cancel an order in whole or in part even if it has been partly executed. Each lot dispatched against a single order shall be considered as a separate contract and failure of dispatch of any one lot or of the balance lots shall not violate the contract as to other lots. The order shall be deemed to have been completed on the date of dispatch in respect of the products actually dispatched in part/full.

5.6 SFL shall not be responsible for delays in dispatch of the Goods for any reason whatsoever and the conditions of dispatch and delivery timing of the same. SFL shall not be liable to make good the loss, if any suffered by the Buyer for delay in dispatch or delivery of the Goods.

5.7 If the Buyer failed to take delivery of the Goods at the rate, date and time specified herein when the delivery becomes due, then SFL will have the option to cancel the delivery and to claim damages, if any.

5.8 Claims by Buyer for shortages or errors in delivery must be made within five (5) days after the delivery of the Goods. Goods are sold subject to the standard manufacturing practices of SFL. Goods purchased on the basis of weight are subject to customary quantity variations recognized by practice in the industry.

5.9 If Buyer requests deferral of deliveries, SFL's agreement to defer delivery shall not excuse Buyer from its obligation to pay for the Goods at the same times and in the same quantities as the original delivery schedule, including interest due pursuant to these terms and conditions. In addition to adhering to the original payment schedule, Buyer shall pay such storage charges as SFL may assess for storing the Goods awaiting delivery. If Buyer requests deferral prior to commencement of production, SFL may require progress payments in connection with expenses for materials and services incurred by SFL in anticipation of production.

5.10 In no case shall delay or non-delivery of the whole or part of the order be a valid ground for the Buyer to reject or withhold payment for the Goods.

6. WARRANTY

6.1 All Goods sold subject to the conditions that SFL's liabilities are limited to the replacement of Goods proved to have been defective in material and/or workmanship, when they are sent back to SFL, but SFL will not be responsible for failure of Goods supplied which have been subject to improper use and/or any process or processes.

6.2 SFL accepts no responsibility for any contingent or resulting liabilities or loss arising through any defective Goods.

6.3 Any claim for replacement will arise only if the Goods are returned within 30 days from the date of Supply.

6.4 All other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.

6.5 Any claims for failure of Goods to confirm to specifications, shortages, or any other cause shall be deemed waived and released by Buyer unless such claim is made in writing within thirty (30) days from the date of receipt of Goods.

6.6 SFL's decision on the cause for any such defects is final and binding.

6.7 SFL will not be responsible for failure of Goods supplied which are manufactured to the print, design, technical specification of the Buyer or sample/prototype approved by Buyer and/or any process or processes prescribed by Buyer.

7. LIMITATION OF LIABILITY

SFL's liability to Buyer, whether in contract, in tort, under any warranty, in negligence or otherwise, shall not exceed in any case the return of the amount of the purchase price paid by Buyer and under no circumstances SFL be liable for special, in direct or consequential damages. The price stated for the Goods is consideration for limiting SFL's liability. No action, regardless of form, arising out of the transactions under the invoice may be brought by Buyer more than one (1) year after the date of the invoice. Without limitation of the foregoing, in no event will SFL be responsible or liable for (a) penalties or penalty clauses of any description, or (b) indemnification of Buyer or others for costs, damages or expenses arising out of or related to the Goods.

8. INDEMNIFICATION

Buyer shall save and hold SFL harmless from any claims, demands, liabilities, costs, expenses or judgments arising in whole or in part, directly or indirectly, out of breach of obligations, non-compliance any statute/act/rues, negligence, any act or omission, lack of care by Buyer or Buyer's customers, agents, employees or invitees involving the handling, use, possession or resale of the Goods supplied by SFL whether used alone or in combination with other Products. This indemnification shall include all costs, attorney's fees and other expenses paid or incurred by or imposed upon SFL in connection with the defense of any such claim.

9. FORCE MAJEURE

SFL shall not be liable in any way for any damage, loss, cost or expense arising out of or in connection with any delay, restriction, interference or failure in performing any obligation towards supply or delivery of Goods caused by any circumstance beyond its reasonable control, including, without limitation, acts of God, laws and regulations, administrative measures, orders or decrees of any court, earthquake, flood, fire, explosion, war, terrorism, riot, sabotage, accident, epidemic, strike, lockout, slowdown, labour disturbances, geo-political events, business exigencies, difficulty in obtaining necessary labour or raw materials, lack of or failure of transportation, breakdown of plant or essential machinery, emergency repair or maintenance, breakdown or shortage of utilities, delay in delivery or defects in Goods supplied by suppliers or subcontractors ("Force Majeure"). Any failure in performing any obligations shall not entitle the Buyer to cancel the Order.

10. INTELLECTUAL PROPERTY RIGHTS

10.1 The sale of Goods to Buyer shall not, by implication or otherwise, convey any license or intellectual property right relating to the Goods to Buyer.

10.2 When Goods are manufactured to Buyer's drawings and/or specifications, the responsibility to ensure that these do not result in infringement of any patent or trademark will lie entirely with the Buyer concerned and the Buyer will be solely responsible for the consequence in case of any such infringement.

10.3 SFL owns and retains all right, title and interest in and to any patents, copyrights, mask works, trade secrets, trademarks and other intellectual property rights in and to the Goods. The Buyer is not permitted to use any SFL's trademark, logo or trade name in its letter head, business cards, printed materials, business communication letters or in connection with any Goods, other than with respect to resale of Goods pre-marked or packaged by or on behalf of SFL without prior written consent of SFL.

10.4 SFL shall not be liable for any loss or damage for infringement of Intellectual Property Rights.

11. CONFIDENTIALITY

All information disclosed by SFL which is either expressly identified as confidential or by its nature is implicitly confidential will be kept in strict confidence by the Buyer and not used by the Buyer.

12. APPLICABLE LAW, JURISDICTION & ARBITRATION

12.1 Any dispute which may arise from and for any Goods supplied to Buyer shall be governed by the Indian laws and subject to the exclusive jurisdiction of the Courts at Chennai.

12.2 Any dispute in connection with or arising between the parties fail to amicably resolve shall be referred to arbitration of a sole arbitrator to be appointed jointly by the parties in accordance with the Indian Arbitration and Conciliation Act, 1996 or statutory modification or enactment thereof. The award of the arbitrator shall be final and binding on the Parties. The place of arbitration shall be Chennai, India, and the language of arbitration proceedings shall be English. Each party irrevocably and unconditionally submits to the jurisdiction of the Courts in Chennai, India, alone to determine any question that may arise other than a matter as provided for hereinabove.

13. MISCELLANEOUS

13.1 All notices or documents addressed to the Buyer shall be deemed to have been validly served if delivered at/or sent by post to their last known address. SFL will not be responsible for any demurrage etc., on consignment due to public holidays, postal delays, etc. or any other reasons beyond SFL's control.

13.2 In case the Buyer fails to make payment on or before Due Date, the Buyer shall be fully responsible for all the consequential losses to SFL including loss of Goods, interest, freight, taxes, duties and any other charges required to be borne by SFL.

13.3 If the Buyer fails to make the payment when it becomes due or if there is any breach by the Buyer of any terms and conditions, SFL may without prejudice to the other rights or remedies cancel this order forthwith or refuse to make further deliveries; in which SFL shall not be held responsible in anyway.

13.4 SFL shall have lien on the Goods delivered/supplied to the Buyer as to the unpaid purchase price of Goods (whether in possession or not in possession) and SFL shall be entitled to exercise the lien to recover the unpaid purchase price by taking back the Goods and shall be entitled to sell the same to any other Buyer and adjust the sum so realised against the unpaid purchase price without prejudice to SFL's other rights and remedies to recover the outstanding dues and/or other dues.

13.5 SFL reserves its right to appropriate and adjust any sums due to the Buyer against any dues recoverable from the Buyer including delayed payment charges, if any.

13.6 The rights and liabilities are not assignable by Buyer in whole or part without prior written consent of SFL.

13.7 Any provision hereof prohibited by law shall be ineffective to the extent of such prohibition and without invalidating the remaining provision hereof.

13.8 No waiver by SFL of a breach of any provision hereof shall constitute a waiver of any other breach of such provision or any other provision.

13.9 Buyer shall be responsible for compliances of law as applicable.

13.10 The price mentioned in the Invoice supersedes the list circulated and all the previous price lists and any other price communication.

13.11 The prices are for Zinc phosphate, Green Finish (5-8Microns)·Trivalent Finish 2500,2600 (Chrome free)· Others would be charged @ 10% Extra or as mutually agreed.

13.12 The Buyer will adhere to the minimum ordering quantities, i.e. standard packing.

13.13 Revision in price if any will be intimated from time to time in the form of Sales Bulletins.

Please quote correct SFL Part Number and Description of items while ordering. For any grievance, claim or clarification please write to - vasudevan.r2@sfl.co.in (Email-ID) and also contact the SFL's Marketing Dept.

OUR DISTRIBUTORS AND THEIR BRANCHES	
DISTRIBUTORS	**Branches at:**
India Motor Parts & Accessories Ltd. 'SUNDARAM TOWERS' 45&46, Whites Road, Chennai - 600 014. Tel. : +91-44-28523996 / 28524097 Fax : +91-44-28523009	Agra, Agartala, Ahmedabad, Asansol, Aurangabad,Bangalore, Baroda, Bhubaneshwar, Bhilwara, Chandigarh, Chennai, Coimbatore, Cuttack, Dankuni, Dhanbad, Erode, Ernakulam, Gandhidham, Guwahati, Hissar, Hubli, Hyderabad, Indore, Jaipur, Jammu, Jodhpur, Jalandhar, Jamshedpur, Kanpur, Kolkata, Kozhikode, Kota, Kolhapur, Kottayam, Kadapa, Karimnagar, Kumbakonam, Kurnool,Ludhiana, Lucknow, Madurai, Mangalore, Morigate (Delhi),Muzaffarpur, Mysuru, Nagpur, New Mumbai, Nanded, Patna, Pune, Purnea, Rajkot, Ranchi, Raipur, Redhills, Sambalpur, Salem, Shimoga, Silchar, Silliguri, Surat, Tirunelveli, Trichy, Trivandram, Thrissur, Udaipur, Varanasi, Vellore, Vijayapura, Vijayawada, Visakhapatnam.
Jullundur Motor Agency (Delhi) Ltd. 458-1/16, Sohna Road, Opp. New Court Gurgaon - 122 001. Tel. : +91-124-3099001/02/03 Fax : +91-124-5083079	Agra, Allahabad, Alwar, Amritsar, Asansol, Alampur,Baddi, Bathinda, Bhilwara, Bhubaneswar, Bikaner, Chandigarh, Cuttack, Dehradun, Ghaziabad, Gorakhpur, Gurgaon, Guwahati, Haldwani, Indore, Jabalpur, Jaipur, Jammu, Jamshedpur, Jodhpur, Jalandhar, Kanpur,,Kashmere Gate (Delhi), Kolkata, Kota, Lucknow, Ludhiana, Muzaffarpur, Ranchi, Patiala, Pathankot, Patna, Raipur, Rourkela, Saharanpur, Siliguri, Tinsukia, Udaipur, Varanasi.
JMA Marketing Limited 2E/5 Jhandewalan Extension, New Delhi 110 055. Tel. : +91-11-23532985/41501425	Ahmedabad, Aurangabad, Baroda, Bhiwandi,Chakan, Kolhapur, Latur, Mumbai, Nagpur, Nasik, Pune, Rajkot, Surat, Solapur, Turbhe (Navi Mumbai), Nigdi.
Madras Auto Service Post Box No. 707, 180, Annasalai Chennai - 600 006. Tel. : +91-44-28523793 / 28523795 Fax : +91-44-28522003	Adimali, Allahabad, Ahmednagar, Aurangabad, Bangalore, Hissar, Hosakote (Bangalore) Belagavi, Ballari, Bikaner, Bhopal, Cuddalore, Chandigarh, Chennai, Delhi, Coimbatore, Ernakulam, Erode, Margoa-Goa, Gorakhpur,Hubli, Hyderabad, Haldwani, Hissar, Indore,Jaipur, Jodhpur,Jammu, Jabalpur,Kanpur, Kannur, Kottayam, Kolhapur, Kurnool, Kukatpally, Kozhikode, Kumbakonam, Latur, Ludhiana,Lucknow,Mangalore, Madurai, Mysuru, Nagpur, Namakkal, Nellore,New Mumbai, Pune, Raipur, Rajahmundry, Redhills,Salem, Sikar, Shimoga, Tambaram, Trichy, Thrissur, Tirupathi, Tirunelveli, Trivandrum,Udaipur, Urapakkam, Varanasi, Vellore, Vijayawada, Visakhapatnam, Warangal.
Partap Singh & Sons 516/517,Parekh Market,JSS Road., Opera House,Mumbai - 400 004. Tel. : +91-22-43005002 Fax : +91-22-43005003	Agra, Ahmedabad, Ahmednagar, Aurangabad,Baroda, Bikaner,Bhiwandi, Bhopal, Chandigarh, Dehradun, Chakan, Morigate (Delhi), Dhulia,Ponda - Goa,Gurgaon, Gandhidham, Indore, Kalamboli, Jaipur, Jammu, Jodhpur, Jabalpur, Jalandhar, Jasai, Kanpur, Kolhapur-City, Latur, Mumbai, Nagdevi, Nagpur, Nanded, Nasik,New Mumbai, Nigdi, Neemuch, Parwanoo, Pune, Raipur, Rajkot, Sangli, Kolhapur-Shiroli, Solapur, Surat, Turbhe, Ulhasnagar, Vadodara, Vapi, Varanasi, Wadala.
Sundaram Motors 180, Annasalai, Chennai - 600 006. Tel. : +91-44-28524031 / 28522230 Fax : +91-44-28555717	Bangalore, Ballari, Belagavi, Bolangir, Bardhaman, Berhampur, Chennai, Cuttack, Guntur, Davanagere, Ponda - Goa, Auto Nagar (Hyderabad), Hubli, Kalaburagi, Karimnagar, Kadapa, Kolkata, Kolhapur, Mangalore, Mysuru, Malda, Muzaffarpur,Nagpur, Nasik, Nellore, New Mumbai, Poonamallee, Pune, Patna, Ranchi, Rajahmundry, Rourkela, Secunderabad, Shimoga, Siliguri, Silchar, Solapur, Vellore, Vijayawada, Vijayapura, Visakhapatnam, Yeshwantpur.
The Associated Auto Parts Pvt. Ltd. 445 Dr.Bhadkamkar Marg (Lamington Road), Mumbai 400 004. Tel. :+91-22-23822354, 23822355	Ahmedabad,Ahmednagar, Aurangabad,Baroda, Gandhidham, Indore,Jabalpur,Jalgaon,Kolhapur, Navi Mumbai, Nasik, Nanded, Nagpur, Katraj-Pune, Rajkot, Raipur, Surat, Sangli, Solapur, Chimbli Phata (Pune).
TV Sundram Iyengar & Sons Pvt.Ltd. OESL Division, 180, Annasalai, Chennai 600 006 Tel.:+91-44-28579258	Bhopal,Cochin, Coimbatore, Dindigul, Jabalpur, Haldwani, Indore, Kanpur,Tirunelveli,Trichy, Pudukottai,Salem, Namakal,Nagerkoil, Madurai, Pondichery,Pollachi, Erode, Dharmapuri, Tirupur, Jaipur, Jodhpur, Kozhikode, Thiruvananthapuram,Kollam,Kottyam,Thrissur,Kannur, Mallapuram, Villupuram, Varanasi
Lucas Indian Service Limited 28, Poomagal Main Road Behind Olympia Park, Ekkattuthangal, Guindy, Chennai- 600032 Tel: +91-44-22255032 Extn 611	Bhubaneswar ,Guwahati,Kolkata, Patna, Ranchi,Siliguri.
CAPL Motor Parts Private Limited Plot No. 8B,Survey No. 533/ 1A & 1B & 533/2 Maharaja Estate, Behind Anand Hotel Sarkhej J-Sanand Road, Sarkhej Ahmedabad - 382210	Ahmedabad

Sundram Fasteners Limited
98A, Dr.Radhakrishnan Salai,
7th Floor, Auras Corporate Centre,
Mylapore, Chennai 600 004
Ph : 044-28478500

1st September 2021

Dear Customer,

Our price list number **SF/SOCKET/02/2021**, based on standard category **effective 1st September 2021** is given in this booklet.

While care is taken to ensure correctness of this price list, we would be pleased if you could communicate your suggestions and improvements of the same.

We are proceeding with limited print hence physical circulation will be restricted with limited copies, while e-price list will be made available.

We welcome your suggestions to upgrade the content of this price list and request you to send in the same to vasudevan.r2@sfl.co.in

Finally, we reserve the right to change any part of this price list without prior notice.

Thanking you and assuring you of our best attention always.

Yours truly,

R.Vasudevan
Deputy General Manager - Marketing

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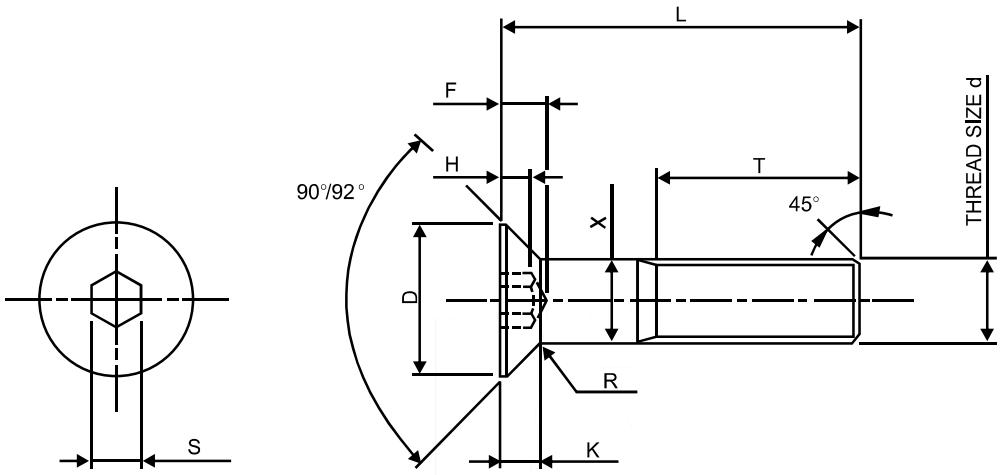
Socket Products
Technical Data Sheet

Socket Countersunk Head Screws

BS Inch Series



D-MAX THEORETICAL SHARP CORNERS

D-MAX THEORETICAL SHARP CORNERS

THREAD SIZE Ø	D	X	F	K	H	R	T	S
	Max	Max	Max	Ref	Min	Ref	Min	Nom
3/16	0.356	0.187	0.097	0.085	0.065	0.025	1.000	3/32
1/4	0.475	0.250	0.132	0.113	0.085	0.025	1.000	5/32
5/16	0.596	0.312	0.159	0.142	0.105	0.025	1.125	3/16
3/8	0.712	0.375	0.187	0.169	0.125	0.025	1.250	7/32
7/16	0.833	0.437	0.211	0.198	0.142	0.025	1.375	1/4
1/2	0.951	0.500	0.248	0.226	0.165	0.025	1.500	5/16
5/8	1.190	0.625	0.318	0.283	0.220	0.025	1.750	3/8

(All dimensions in inches)

1. Material : Special grade alloy steel
2. Hardness : 36 to 45 HRc
3. Thread fit : Medium Class as per BS:84

Suggested Hexagon Keys

METRIC SERIES

Sl.No	Diameter	SHCS	SHCB	CSK	BUTTON	SSS	LHCS
1	M3	2.5	2.5	2	2	1.5	
2	M4	3	3	2.5	2.5	2	2.5
3	M5	4	4	3	3	2.5	3
4	M6	5	5	4	4	3	4
5	M8	6	6	5	5	4	5
6	M10	8	8	6	6	5	7
7	M12	10	10	8	8	6	8
8	M14	12	12				10
9	M16	14	14	10	10		12
10	(M18)	14	14				12
11	M20	17	17	12			14
12	(M22)	17	17				
13	M24	19	19				
14	M27	19	19				
15	M30	22	22				
16	M33	24	24				
17	M36	27	27				

INCH SERIES

					SSS	
Sl.No	Diameter	SHCS	SHCB	CSK	BSF/BSW	UNF/UNC
1	3/16	5/32	5/32		3/32	
2	1/4	3/16	3/16	5/32	1/8	1/8
3	5/16	7/32	7/32	3/16	5/32	5/32
4	3/8	5/16	5/16	7/32	3/16	3/16
5	7/16	5/16	5/16			
6	1/2	3/8	3/8	5/16	1/4	1/4
7	5/8	1/2	1/2	5/16		
8	3/4	9/16	9/16			
9	7/8	9/16	9/16			
10	1	5/8	5/8			

Socket Head Cap Screws

Metric Series M3 - M12

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M3	M4	M5	M6	M8	M10	M12
Length	Key	Key	Key	Key	Key	Key	Key
(mm)	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm
5	1400	1225	-	-	-	-	-
6	1205	1225	1420	1475	-	-	-
8	895	920	985	1015	1240	-	-
10	750	730	560	585	1130	1290	-
12	750	665	565	685	865	1290	-
(14)	780	695	635	650	755	1190	-
16	780	565	635	650	755	1190	3510
(18)	780	745	690	685	795	1090	3130
20	780	600	590	685	795	1090	3130
(22)	805	770	725	755	885	1195	2725
25	805	620	725	755	885	1195	2725
30	945	905	835	855	960	1315	2725
35		995	920	935	1050	1415	2795
40		1090	995	*1010	1130	1510	2810
45		1245	1080	*1090	*1215	1630	2860
50		1540	1165	*1165	*1260	*1740	2925
55		2455	1980	*1260	*1385	*1880	*3085
60			2540	2325	*1490	*2025	*3260
65			5040	2405	1590	2185	*3435
70			6035	2500	1700	2350	*3620
75				2790	1795	2495	*3780
80				3170	2700	3855	*4525
85				3220	3120	4385	*5115
90				3220	3120	4385	*5115
95				3635	3705	5160	*5920
100				3635	3705	5160	*5920
105				4350	4625	6085	*7100
110				4350	4625	6085	7100
115				5705	5395	6160	8175
120				5705	5395	6160	8175
125				6890	6630	8475	9930
130				6890	6630	8475	9930
135				7420	7125	9475	11060
140				7420	7125	9475	11060
145					7695	10525	12200
150					7695	10525	12200
155							20105
160							20105
165							22115
170							22115
175							22115
180							22115
185							23930
190							23930
195							23930
200							23930

1. Specification : Generally conforming to IS:2269, DIN 912, ISO:4762
2. Threads : 12.9 Grade 5g6g as per ISO 261, ISO 965-2; ISO 965-3
3. Material : Special grade alloy steel
   10.9 Low Carbon boron steel, Medium carbon steel, Medium carbon boron steel, Special alloy steel
4. Mechanical Properties : 10.9, 12.9 As per ISO 898-1
5. Note : Sizes in brackets are non-preferred standards. Shaded sizes are fully threaded.
6. Finish : Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws

Metric Series M14 - M24

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M14	M16	M18	M20	M22	M24
Length	Key	Key	Key	Key	Key	Key
(mm)	12mm	14mm	14mm	17mm	17mm	19mm
5						
6						
8						
10						
12						
(14)						
16		8900				
(18)						
20	7855	6900				
(22)	7080	6900				
25	7080	6900		16840		
30	7080	6900	18525	16840		
35	5955	5800	18765	17060		
40	6095	5940	16425	14940		18010
45	6200	6045	16540	15045		18475
50	6350	6175	16680	15160	19380	17695
55	6425	6270	16785	15255	21785	19905
60	6815	*6630	16910	15365	22400	20460
65	6910	*6730	17060	15505	24945	22780
70	7455	7260	18220	16560	24205	23205
75	7875	7685	19400	*17640	28320	24590
80	8255	8035	19780	*17985	28320	25850
85	8440	8215	20175	18345	29695	27115
90	8440	8215	20175	18345	29695	27115
95	10460	10195	21155	19235	31320	28595
100	10460	10195	21155	19235	31320	28595
105	11375	11075	23415	21275	34045	31095
110	11375	11075	23415	21275	34045	31095
115	12290	11970	25645	23330	36800	33610
120	12290	11970	25645	23330	36800	33610
125	14235	13860	27900	25370	48380	36120
130	14235	13860	27900	25370	48380	36120
135	15235	14835	30130	27390	56530	38620
140	15235	14835	30130	27390	56530	38620
145	16240	15810	32365	29430	75360	41140
150	16240	15810	32365	29430	75360	41140
155	18240	31460	39505	37720	107780	66785
160	19145	31460	39505	37720	107780	66785
165		35030	45130	43070	115300	71455
170		35030	45130	43070	115300	71455
175		35030	45130	43070	115300	71455
180		35030	45130	43070	115300	71455
185		38715	47055	44915	123430	76490
190		38715	47055	44915	123430	76490
195		38715	47055	44915	123430	76490
200		38715	47055	44915	123430	76490

1. Specification : Generally conforming to IS:2269, DIN 912, ISO:4762
2. Threads : 12.9 Grade 5g6g as per ISO 261, ISO 965-2; ISO 965-3
3. Material : Special grade alloy steel
   10.9 Low Carbon boron steel, Medium carbon steel, Medium carbon boron steel, Special alloy steel
4. Mechanical Properties : 10.9, 12.9 As per ISO 898-1
5. Note : Sizes in brackets are non-preferred standards. Shaded sizes are fully threaded.
6. Finish : Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Set Screws

Metric Series M3 - M12

Knurled Cup Point

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter Length (mm)	M3	M4	M5	M6	M8	M10	M12
3	400						
4	375	375					
5	380	380	265	440			
6	385	385	265	265	295		
8	390	390	265	295	295	335	
10	410	335	295	240	300	335	890
12	440	440	305	310	310	375	640
16	455	455	310	335	350	420	695
20				355	375	455	730
25				430	430	540	830
30				585	610	780	960
35					710	900	1095
40							
45							
50							
55							
60							
65							
70							

1. Specification	:	Generally conforming to ISO 4029 (Without Knurling details)
2. Threads	:	12.9 Grade 5g6g as per ISO 261, ISO 965-2; ISO 965-3
3. Material	:	Special grade alloy steel
4. Mechanical Properties	:	Property class 45H as per ISO 898-5
5. Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Set Screws

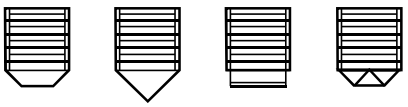
Metric Series M4 - M12

Flat Point, Cone Point, Dog Point, Plain Cup Point

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter Length (mm)	M4	M5	M6	M8	M10	M12
4		380				
5		380	625			
6	545	380	385			
8	560	385	410	410	470	
10	590	410	430	430	470	910
12	620	435	440	445	525	910
16	650	445	475	490	600	990
20			505	535	645	1040
25			610	610	775	1190
30			820	870	1120	1365
35				1010	1290	1570

1. Specification : Generally conforming to IS:6094, ISO:4026, ISO 4027, ISO 4028, ISO 4029
2. Threads : 5g6g as per ISO 261, ISO 965-2, ISO 965-3
3. Material : Special grade alloy steel
4. Mechanical Properties : Property class 45H; as per ISO 898-5



FLAT 6094 913 | CONE 6094 914 | DOG 6094 915 | PLAIN CUP 6094 916

5. Finish : Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Countersunk Head Cap Screws

Metric Series M3 - M20

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M3	M4	M5	M6	M8	M10	M12	M16	M20
Length	Key	Key	Key	Key	Key	Key	Key	Key	Key
(mm)	2mm	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm	17mm
6	1165								
8	1165	640	930	1115					
10	1245	640	520	715					
12	1335	540	540	580	930				
16	1515	725	725	725	930	1505			
20	1695	780	780	780	995	1240			
25	1865	910	910	910	1145	1430	2610		
30		1095	1095	1095	1305	1635	2975	5075	
35		2260	1455	1455	1485	1875	3345	5470	
40		2425	2260	1455	1695	2145	3720	5845	6260
45		2745	2575	2575	2575	2425	4085	6245	7340
50		3220	3220	3220	2960	2720	4455	6640	7340
55					3535	3085	4830	7010	7000
60					3960	3415	5205	7410	8425
65							5860	8150	8970
70							6310	8565	9505
75							6785	8990	10595
80							7305	9440	10595
85							7850	10705	11685
90							8455	10705	11685
95							9095	12945	14000
100							9790	12945	15000
110								17200	18000
120							13105	20645	22000
130								22935	24000

1.	Specification	:	Generally conforming to ISO 10642, IS:6761, DIN 7991
2.	Threads	:	12.9 Grade 5g6g as per ISO 261, ISO 965-2; ISO 965-3
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	Property class 12.9 as per IS:1367-3, ISO 898-1
5.	Note	:	All sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Button Head Cap Screws

Metric Series M3 - M10

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	M3	M4	M5	M6	M8	M10
Length	Key	Key	Key	Key	Key	Key
(mm)	2mm	2.5mm	3mm	4mm	5mm	6mm
6	1030	665	1075			
8	1220	665	1025	1155		
10	1315	665	710	795	1270	
12	1410	710	740	635	1025	
16	1590	765	800	850	870	1655
20	1760	815	850	920	1095	1360
25	1935	955	995	1070	1255	1570
30		1150	1200	1230	1440	1795
35			1370	1395	1625	2055
40			1530	1600	1850	2360
45				1945	2135	2745
50					2355	3030
60					3355	

1.	Specification	:	Generally conforming to ISO :7380-1
2.	Threads	:	5g6g as per ISO 261; ISO 965-2;ISO 965-3
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	Property class 12.9 as per ISO 898-1
5.	Note	:	All sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Low Head Socket Head Cap Screws

Metric Series M4 - M16

Recommended Retail Prices in Rupees Per 100 Piece

Diameter Length (MM)	M4	M5	M6	M8	M10	M12	(M14)	(M16)
5								
6	1470							
8	1110	1135	1135					
10	880	785	765	1270				
12	795	795	765	970				
(14)	835	730	725	850				
16	835	730	725	850	1335			
(18)	890	785	765	880	1220			
20	890	785	765	880	1220	3280		
(22)	920	840	850	985	1340	2855		
25	920	840	850	985	1340	2855	7430	
30		970	955	1080	1470	2855	7430	5710
35			1045	1175	1595	2920	6250	6080
40				1270	1700	2940	6390	6080
45						3000	6505	6145
50						3060	6650	6460

1.	Specification	:	Generally conforming to DIN 7984
2.	Material	:	10.9 Grade Low Carbon boron Steel, Medium Carbon Steel. Medium carbon Boron Steel, Special Alloy steel
3.	Mechanical Properties	:	As per DIN EN ISO 898-1
4.	Tensile Load requirement	:	80% of the values specified in DIN EN ISO 898-1
5.	Note	:	Sizes in brackets are non-preferred standards.
6.	Plating Finish	:	Thermal/Chemical Blackend with rust preventive Oil(Black Colour)

Socket Head Cap Screws/Bolts

Metric Series M16-M24 *(Above 200mm length)*

Metric Series M27-M42

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	(M16)	(M20)	(M22)	(M24)	(M27)	M30	(M33)	M36	M42
Length	Key	Key	Key	Key	Key	Key	Key	Key	Key
(mm)	14mm	17mm	17mm	19mm	19mm	22mm	24mm	27mm	32mm
45						48205			
50						48205			
55						48205			
60						42240			
65						42240			
70					43910	42240			
(75)					43910	42240	63475		
80					43910	43910	66095	78980	
90					48205	48205	71580	86125	
100					51535	51535	74925	88515	
110					54645	54645	78980	93525	
120					57980	57980	86125	97345	
130					58545	62040	90185	100675	
140					64420	64420	95910	111170	218055
150					68480	68480	100675	115235	240770
160					107840	107840	133830	155540	286320
(170)					119285	119285	148145	173190	286320
180					119285	119285	148145	173190	303880
(190)					129780	129780	161025	187745	303880
200					129780	129780	161025	187745	329220
(210)	40495	47685	129535	79170	161745	161025	199665	232105	329220
220	40495	50470	135625	81855	161745	161025	199665	232105	413020
(230)	42285	62070	141010	85110	179150	173190	215170	238545	430510
240	42285	80725	146400	88355	179150	173190	215170	238545	430510
(250)	44065	89195	151775	90240	204740	185355	224945	255485	459190
260	44065	97650	157155	76265	195140	185355	224945	255485	459190
(270)	45850	106665	162530	94210	208245	197520	237350	272410	487890
280	45850	115670	167915	96895	208245	197520	237350	272410	487890
(290)	47645	119810	173915	100515	221365	209680	255950	289345	516595
300	47645	123935	179910	104150	221365	209680	255950	289345	516595

1.	Specification	:	Generally conforming to IS:2269, ISO:4762, DIN 912
2.	Threads	:	ISO Metric, 5g6g for 12.9; 10.9 as per ISO 261, ISO 965-2, ISO 965-3
3.	Material	:	12.9 - Special grade alloy steel 10.9 Low Carbon boron steel, Medium carbon steel, Medium carbon boron steel, Special alloy steel
4.	Mechanical Properties	:	Property class as per ISO 898-1
5.	Note	:	Sizes in brackets are non-preferred standards.
6.	Finish	:	12.9 Grade - Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws

Inch Series BSW (3/16” - 7/16”)

Recommended Retail Prices in Rupees Per 100 Piece

		Screws	Bolt			
Diameter	3/16”	1/4”	1/4”	5/16”	3/8”	7/16”
Length	Key	Key	Key	Key	Key	Key
(mm)	5/32”	3/16”	3/16”	7/32”	5/16”	5/16”
3/8	790	715	760	970		
1/2	790	715	760	960	1555	
5/8	740	685	730	850	1555	
3/4	790	715	760	880	1265	3760
7/8	845	755	805	925	1405	3760
1	870	800	850	990	1405	3290
1-1/4	960	900	955	1075	1545	3290
1-1/2	1100	1000	1060	1190	1715	3350
1-3/4	1315	1225	1300	1425	2045	3585
2		1225	1300	1425	2045	3585
2-1/4		2450	2600	1695	2440	4115
2-1/2		2450	2600	1695	2440	4115
2-3/4		2640	2800	2005	2930	4635
3		2835	3010	2005	2930	4635
3-1/4		3395	3600	3500	4480	6290
3-1/2		3395	3600	3500	4480	6290
4		3740	3965	4140	5265	7285
4-1/2				6475	7735	9140
5				8065	9570	11205
5-1/2				9970	11505	12775
6				9970	11830	12775
6-1/2						
7						
7-1/2						
8						
8-1/2						
9						
10						

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	BS Fine, Medium fit as per BS:84, UNF ,Class 2A as per BS 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Note	:	Shaded sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws
Inch Series BSW (1/2" - 1")

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	1 / 2"	5 / 8"	3 / 4"	7 / 8"	1"
Length	Key	Key	Key	Key	Key
(mm)	3 / 8"	1 / 2"	9 / 16"	9 / 16"	5 / 8"
3/8					
1/2	3505				
5/8					
3/4	3505	8445			
7/8	3505	7200			
1	3055	7200	18835		
1-1/4	3055	6265	18835		
1-1/2	3120	6485	16585	24935	23800
1-3/4	3315	6905	16980	25875	24695
2	3315	6905	16980	25875	24695
2-1/4	3825	7490	17345	27900	26650
2-1/2	3825	7490	17345	27900	26650
2-3/4	4310	8235	19735	31425	29995
3	4310	8235	19735	31425	29995
3-1/4	5850	8805	20520	34655	33085
3-1/2	5850	8805	20520	34655	33085
4	6770	11395	21510	36560	34885
4-1/2	8495	12090	26095	42955	41005
5	10420	13680	28380	46160	44075
5-1/2	11490	16960	30645	49390	47140
6	11885	17685	32920	52605	50210
6-1/2		37215	43185	88175	84165
7		39180	44175	91635	87180
7-1/2		40770	45200	94605	90310
8		43300	46065	97775	93320
8-1/2			48570		95995
9			52180		102060
10					

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	BS Fine, Medium fit as per BS:84, UNF ,Class 2A as per BS 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Note	:	Shaded sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws
Inch Series BSF/UNF (3/16” - 7/16”)

Recommended Retail Prices in Rupees Per 100 Piece

		Screws	Bolt			
Diameter	3/16”	1/4”	1/4”	5/16”	3/8”	7/16”
Length	Key	Key	Key	Key	Key	Key
(mm)	5/32”	3/16”	3/16”	7/32”	5/16”	5/16”
3/8	960	880	935	1195		
1/2	960	880	935	1190	1915	
5/8	895	840	895	1045	1915	
3/4	960	880	935	1085	1550	4625
7/8	1040	925	985	1125	1735	4625
1	1080	985	1045	1210	1735	4040
1-1/4	1185	1105	1175	1315	1895	4040
1-1/2	1360	1225	1300	1465	2105	4120
1-3/4	1620	1520	1615	1735	2510	4395
2		1520	1615	1735	2510	4395
2-1/4		3005	3190	2075	2990	5065
2-1/2		3005	3190	2075	2990	5065
2-3/4		3240	3435	2480	3605	5710
3		3485	3695	2480	3605	5710
3-1/4		4180	4435	4300	5515	7740
3-1/2		4180	4435	4300	5515	7740
4		4590	4870	5090	6470	8945
4-1/2				7965	9515	11230
5				9910	11765	13780
5-1/2				11100	14140	15710
6				12260	14545	15710
6-1/2						
7						
7-1/2						
8						
8-1/2						
9						
10						

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	BS Fine, Medium fit as per BS:84 UNF, class 2A as per BS: 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Note	:	Shaded sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)
7.	Pitch	:	for 3/16 Dia -Only BSW/BSF

Socket Head Cap Screws
Inch Series BSF/UNF (1/2" - 1")

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	1 / 2"	5 / 8"	3 / 4"	7 / 8"	1"
Length	Key	Key	Key	Key	Key
(mm)	3 / 8"	1 / 2"	9 / 16"	9 / 16"	5 / 8"
3/8					
1/2					
5/8					
3/4	4305				
7/8	4305	8870			
1	3750	8870	22110		
1-1/4	3750	7710	22110		
1-1/2	3830	7980	19475	29270	27950
1-3/4	4100	8490	19935	30460	29005
2	4100	8490	19935	30460	29005
2-1/4	4705	9215	20365	32765	31290
2-1/2	4705	9215	20365	32765	31290
2-3/4	5310	10125	23175	36895	35215
3	5310	10125	23175	36895	35215
3-1/4	7190	10830	24085	40685	38835
3-1/2	7195	10830	24085	40685	38835
4	8325	14010	25255	42930	40970
4-1/2	10440	14870	30640	50455	48150
5	12830	16840	33325	54205	51750
5-1/2	14125	20865	35980	57990	55365
6	14615	21760	38655	61760	58960
6-1/2		45770	50715	103545	98835
7		46230	51870	107600	102370
7-1/2		48205	53075	111110	106045
8		50145	54090	114820	109595
8-1/2		53265	57035		112735
9			61270		119855
10					

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	BS Fine, Medium fit as per BS:84 UNF, class 2A as per BS: 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Note	:	Shaded sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws
Inch Series UNC (3/16” - 7/16”)

Recommended Retail Prices in Rupees Per 100 Piece

		Screws	Bolt			
Diameter	3/16”	1/4”	1/4”	5/16”	3/8”	7/16”
Length	Key	Key	Key	Key	Key	Key
(mm)	5/32”	3/16”	3/16”	7/32”	5/16”	5/16”
3/8	950	865	920	1175		
1/2	950	865	920	1165	1875	
5/8	890	820	870	1015	1875	
3/4	950	865	920	1060	1525	4545
7/8	1005	915	970	1110	1705	4545
1	1055	955	1015	1190	1705	3965
1-1/4	1165	1080	1145	1300	1850	3965
1-1/2	1320	1205	1280	1440	2075	4045
1-3/4	1585	1490	1580	1705	2450	4315
2		1490	1580	1705	2450	4315
2-1/4		2950	3130	2045	2940	4965
2-1/2		2950	3130	2045	2940	4965
2-3/4		3190	3385	2420	3540	5600
3		3415	3620	2420	3540	5600
3-1/4		4095	4345	4210	5405	7605
3-1/2		4095	4345	4210	5405	7605
4		4495	4765	5000	6340	8780
4-1/2				7820	9335	11015
5				9735	11545	13530
5-1/2					13875	15415
6					14280	15825
6-1/2						
7						
7-1/2						
8						
8-1/2						
9						
10						

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	UNC 2A as per BS:1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Note	:	Shaded sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws
Inch Series UNC (1/2" - 1")

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	1 / 2"	5 / 8"	3 / 4"	7 / 8"	1"
Length	Key	Key	Key	Key	Key
(mm)	3 / 8"	1 / 2"	9 / 16"	9 / 16"	5 / 8"
3/8					
1/2					
5/8					
3/4	4225	10205			
7/8	4225	8700			
1	3685	8700	21695		
1-1/4	3685	7560	21695		
1-1/2	3755	7830	19120	28720	27430
1-3/4	4010	8330	19570	29820	28465
2	4010	8330	19570	29820	28465
2-1/4	4615	9045	19995	32150	30705
2-1/2	4615	9045	19995	32150	30705
2-3/4	5205	9935	22735	36205	34565
3	5205	9935	22735	36205	34565
3-1/4	7060	10630	23640	39920	38125
3-1/2	7060	10630	23640	39920	38125
4	8175	13760	24785	42130	40210
4-1/2	10240	14600	30050	49505	47245
5	12580	16525	32695	53195	50790
5-1/2	13855	20475	35305	56920	54325
6	14330	21345	37940	60610	57850
6-1/2		44915	49765	101605	96990
7		46230	50900	105590	91330
7-1/2		47300	52080	109035	104065
8		49215	53075	112670	107550
8-1/2		52270	55960	112670	110620
9			60130		117615

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	UNC 2A as per BS:1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Note	:	Shaded sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Set Screws
Inch Series BSW
Knurled Cup Point

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	3/16"	1/4"	5/16"	3/8"	1/2"
Length	Key	Key	Key	Key	Key
(Inch)	3/32"	1/8"	5/32"	5/16"	1/4"
3/16	265				
1/4	265	265			
5/16	265	295	295		
3/8	295	300	300	335	
1/2	305	310	310	375	640
5/8	310	335	350	420	695
3/4		355	375	455	730
1		430	455	540	830
1 1/4		585	610	780	1065
1 1/2					
1 3/4					
2					
2 1/2					
3					

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	BS Fine, Medium fit as per BS:84, UNF ,Class 2A as per BS 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	As per BS:2470
5.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)
6.	Note	:	All sizes are fully threaded.
7.	Finish	:	BSW BSF/UNC/UNF On Enquiry

Socket Countersunk Head Cap Screws

Inch Series BSW (1/4” - 5/8”)

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	1/4”	5/16”	3/8”	1/2”	5/8”
Length	Key	Key	Key	Key	Key
(mm)	5/32”	3/16”	7/32”	5/16”	5/16”
3/8	715				
1/2	715	1040			
5/8	780	1040	1610		
3/4	840	995	1455	3210	
7/8	905	1075	1565	3565	
1	980	1145	1690	4015	
1 - 1/4	1120	1305	1935	4455	
1 - 1/2		1745	2610	4985	
2			2920	5590	7100
2 1/2				6255	8190
3					9555

1. Specification	:	(Please refer to SFL technical data sheet. Page 7)
2. Threads	:	BS Whitworth, Medium Fit as per BS:84
3. Material	:	Special grade alloy steel
4. Mechanical Properties	:	Hardness 36-44 Hrc
5. Note	:	All size are fully threaded
6. Finish	:	Thermal/Chemical Blackend with rust preventive Oil(Black Colour)
		These are not popular items. We will take up forging. after we get sufficient orders to meet out Economic batch run quantity.

Socket Countersunk Head Cap Screws

Inch Series UNC (1/4” - 5/8”)

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	1/4”	5/16”	3/8”	1/2”	5/8”
Length	**Key**	**Key**	**Key**	**Key**	**Key**
(mm)	**5/32”**	**3/16”**	**7/32”**	**5/16”**	**5/16”**
3/8	**1185**				
1/2	**1185**	**1540**			
5/8	**1295**	**1540**	**2030**		
3/4	**1390**	**1650**	**2195**	**3925**	
7/8	**1490**	**1770**	**2335**	**4505**	
1	**1595**	**1825**	**2690**	**4900**	
1 1/4	**1830**	**2145**	**2815**	**5490**	
1 1/2		**2355**	**3235**	**6070**	
2			**3940**	**6675**	**7100**
2 1/4				**6910**	**7210**
2 1/2				**7345**	**8190**
2 3/4				**7695**	**8375**
3				**8075**	**9555**

1.	Specification	:	Generally conforming to BS:2470
2.	Threads	:	UNC 2A as per BS: 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	Hardnesss 36 HRc Min
5.	Note	:	All sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)
			These are not popular items. We will take up forging after we get sufficient orders to meet our Economic batch run quantity.

Socket Countersunk Head Cap Screws

Inch Series BSF/UNF

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	1/4"	5/16"	3/8"	1/2"
Length	Key	Key	Key	Key
(mm)	5/32"	3/16"	7/32"	5/16"
3/8	1205			
1/2	1205	1565		
5/8	1320	1565	2075	
3/4	1420	1690	2245	4000
7/8	1520	1810	2370	4595
1	1625	1855	2745	4990
1 - 1/4	1865	2180	2870	5595
1 - 1/2		2590	3300	6190
2			3940	6805
2 - 1/2				7485
3				8235

1.	Specification	:	BSF/UNF: Generally conforming to BS: 2470
2.	Threads	:	BS Fine, Medium fit as per BS:84 UNF, class 2A as per BS: 1580
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	Hardnesss 36 HRc Min
5.	Note	:	All sizes are fully threaded.
6.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

These are not popular items. We will take up forging. after we get sufficient orders to meet our Economic batch run quantity.

Socket Head Cap Screws

Grade 8.8
Metric Series M3 - M12

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M3	M4	M5	M6	M8	M10	M12
Length	Key	Key	Key	Key	Key	Key	Key
(mm)	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm
5	1480	1300	0	0	0	0	-
6	1275	1300	1505	1555	0	0	-
8	945	975	1050	1070	1310	0	-
10	790	775	590	615	1195	0	-
12	790	705	595	720	920	1365	-
(14)	825	730	680	695	805	1255	-
16	825	595	680	695	805	1255	3710
(18)	825	785	725	720	835	1155	3310
20	825	630	620	720	835	1155	3310
(22)	855	810	760	805	935	1260	2885
25	855	660	760	805	935	1260	2885
30	1005	960	885	905	1015	1385	2885
35		1050	965	985	1110	1500	2960
40		1150	1055	*1065	1195	1600	2975
45		1315	1140	*1155	*1280	1725	3025
50		1630	1235	*1235	*1340	*1840	3095
55		2595	2095	*1340	*1470	*1985	*3265
60			2685	2455	*1580	*2140	*3450
65			5325	2550	1675	2315	*3630
70			6385	2645	1795	2485	*3825
75				2945	1900	2640	*3995
80				3170	2860	4075	*4785
85				3410	3305	4640	*5410
90				3410	3305	4640	*5410
95				3845	3920	5450	*6265
100				3845	3920	5450	*6265
105				4605	4890	6440	*7510
110				4605	4890	6440	7510
115				6035	5705	6515	8650
120				5705	5705	6515	8650
125				7290	7015	8965	10505
130				7290	7015	8965	10505
135				8240	7530	10025	11695
140				8240	7530	10025	11695
145					8135	11130	12910
150					8135	11130	12910
155							21260
160							21260
165							23390
170							23390
175							23390
180							23390
185							25305
190							25305
195							25305
200							25305

1. Specification : Generally conforming to IS:2269, DIN 912, ISO:4762
2. Threads : 10.9 Grade 6g as per ISO 261, ISO 965-2; ISO 965-3
3. Material : 10.9 Low Carbon boron steel, Medium carbon steel, Medium carbon boron steel, Special alloy steel
4. Mechanical Properties : 10.9, 12.9 As per ISO 898-1
5. Note : Sizes in brackets are non-preferred standards. Shaded sizes are fully threaded.
6. Finish : Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Head Cap Screws

Grade 8.8

Metric Series M14 - M24

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M14	M16	M18	M20	M22	M24
Length	Key	Key	Key	Key	Key	Key
(mm)	12mm	14mm	14mm	17mm	17mm	19mm
5						
6						
8						
10						
12						
(14)						
16						
(18)						
20	8310	7295				
(22)	7490	7295				
25	7490	7295		17810		
30	7490	7295	19595	17810		
35	6300	6135	19845	18040		
40	6455	6285	17375	15800		19055
45	6565	6395	17495	15915		19535
50	6715	6530	17640	16035	20495	18715
55	6795	6625	17750	16135	23040	21045
60	7205	*7015	17880	16245	23690	21640
65	7305	*7120	18040	16400	26385	24090
70	7885	7680	19270	17515	25600	24540
75	8330	8125	20515	*18655	29955	26000
80	8730	8500	20915	*19025	29955	27345
85	8925	8685	21340	19400	31405	28680
90	8925	8685	21340	19400	31405	28680
95	11070	10780	22380	20345	33130	30245
100	11070	10780	22380	20345	33130	30245
105	12030	11715	24765	22510	36010	32890
110	12030	11715	24765	22510	36010	32890
115	12995	12655	27125	24670	38920	35550
120	12995	12655	27125	24670	38920	35550
125	15050	14660	29510	26830	51170	38200
130	15050	14660	29510	26830	51170	38200
135	16110	15690	31870	28975	59790	40845
140	16110	15690	31870	28975	59790	40845
145	17180	16725	34235	31125	79705	43515
150	17180	16725	34235	31125	79705	43515
155	19295	33270	41785	39895	113990	70635
160	20245	33270	41785	39895	113990	70635
165		37050	47735	45555	121955	75580
170		37050	47735	45555	121955	75580
175		37050	47735	45555	121955	75580
180		37050	47735	45555	121955	75580
185		40945	49770	47500	130550	80900
190		40945	49770	47500	130550	80900
195		40945	49770	47500	130550	80900
200		40945	49770	47500	130550	80900

1. Specification : Generally conforming to IS:2269, DIN 912, ISO:4762
2. Threads : 8.8 Grade 6g as per ISO 261, ISO 965-2; ISO 965-3
3. Material : 8.8 Low Carbon boron steel, Medium carbon steel, Medium carbon boron steel, Special alloy steel
4. Mechanical Properties : 8.8 As per ISO 898-1
5. Note : Sizes in brackets are non-preferred standards. Shaded sizes are fully threaded.
6. Finish : 8.8 Grade with Zinc Phosphate & oil, Zinc Plate with Trivalent White/ Iridescent passivation prices will be against enquiry

Socket Head Cap Screws/Bolts

Metric Series M16-M24 *(Above 200mm length)*

Metric Series M27-M36

Grade 8.8

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	(M16)	(M20)	(M22)	(M24)	(M27)	M30	(M33)	M36
Length	Key	Key	Key	Key	Key	Key	Key	Key
(mm)	14mm	17mm	17mm	19mm	19mm	22mm	24mm	27mm
45						50985		
50						50985		
55						50985		
60						44680		
65						44680		
70					46445	44680		
(75)					46445	44680	67130	
80					46445	46445	69905	83530
90					50985	50985	75710	91095
100					54515	54515	79245	93625
110					57800	57800	83530	98915
120					61325	61325	91095	102960
130					61915	65615	95390	106485
140					68140	68140	101440	117580
150					72430	72430	106485	121885
160					114060	114060	141550	164510
(170)					126165	126165	156690	183185
180					126165	126165	156690	183185
(190)					137260	137260	170315	198575
200					137260	137260	170315	198575
(210)	42830	50435	137000	83745	171070	170315	211185	245500
220	42830	53375	143450	86575	171070	170315	211185	245500
(230)	44720	65645	149145	90020	189485	183185	227585	252305
240	44720	85380	154840	93445	189485	183185	227585	252305
(250)	46605	94335	160525	95440	216555	196055	237925	270225
260	46605	103280	166225	80660	206400	196055	237925	270225
(270)	48505	112820	171910	99645	220270	208920	251045	288130
280	48505	122345	177605	102485	220270	208920	251045	288130
(290)	50390	126720	183945	106310	234140	221775	270725	306040
300	50390	131090	190290	110155	234140	221775	270725	306040

1.	Specification	:	Generally conforming to IS:2269, ISO:4762, DIN 912
2.	Threads	:	ISO Metric, 5g6g for 12.9; 6g 8.8 & 10.9 as per ISO 261, ISO 965-2, ISO 965-3
3.	Material	:	8.8 Low Carbon boron steel, Medium carbon steel, Medium carbon boron steel, Special alloy steel Property class as per ISO 898-1
4.	Mechanical Properties	:	Sizes in brackets are non-preferred standards.
5.	Note	:	8.8 Grade - Thermal/ Chemical Blackened with rust preventive oil (Black colour)
6.	Finish	:	8.8 Grade - Zinc Phosphate & oil/ Zinc White Trivalent / Zinc Iridescent Trivalent Passivation prices will be enquiry

Socket Button Head Cap Screws

Grade 8.8

Metric Series M3 - M10

Recommended Retail Prices in Rupees Per 100 Piece

Diameter	M3	M4	M5	M6	M8	M10
Length	Key	Key	Key	Key	Key	Key
(mm)	2mm	2.5mm	3mm	4mm	5mm	6mm
6	1090	705	1135			
8	1295	705	1080	1225		
10	1390	705	750	835	1350	
12	1490	750	780	680	1080	
16	1675	805	840	900	925	1745
20	1865	865	900	965	1160	1440
25	2045	1010	1055	1130	1330	1660
30		1215	1265	1295	1515	1900
35			1450	1480	1720	2175
40			1620	1685	1960	2495
45				2060	2260	2900
50					2490	3205

1.	Specification	:	Generally conforming to ISO :7380-1
2.	Threads	:	5g6g as per ISO 261; ISO 965-2;ISO 965-3
3.	Material	:	Special grade alloy steel
4.	Mechanical Properties	:	Property class 8.8 as per ISO 898-1
5.	Tensile Load Requirement	:	80% of the values specified in ISO 898-1
6.	Note	:	All sizes are fully threaded.
7.	Finish	:	Thermal/ Chemical Blackened with rust preventive oil (Black colour)

Socket Countersunk Head Cap Screws

Metric Series M3 - M20

Grade 8.8

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M3	M4	M5	M6	M8	M10	M12	M16	M20
Length	Key	Key	Key	Key	Key	Key	Key	Key	Key
(mm)	2mm	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm	17mm
6	1230								
8	1230	675	985	1180					
10	1315	675	555	755					
12	1415	570	570	610	985				
16	1600	770	770	765	985	1595			
20	1785	825	825	820	1050	1310			
25	1975	965	965	960	1210	1515	2760		
30		1155	1155	1150	1380	1730	3145	5370	
35		2390	1540	1530	1570	1985	3540	5785	
40		2565	2390	1540	1785	2270	3930	6185	6575
45		2900	2725	2725	2005	2565	4325	6600	7710
50		3405	3405	3405	3130	2880	4710	7015	7710
55					3740	3265	5110	7420	7350
60						3615	5505	7840	8850
65							6205	8630	9425
70							6670	9065	9980
75							7180	9510	11130
80							7725	9990	11130
85							8305	11320	12270
90							8945	11320	12270
95							9620	13690	14700
100							10355	13690	15750
110									18900
120									23100
130									25200

1.	Specification	:	Generally conforming to IS:2269, DIN 912, ISO:4762
2.	Threads	:	ISO Metric, 6g as per IS:4218
3.	Material	:	Low & Medium Carbon Boron steel
4.	Mechanical Properties	:	Property class 8.8 as per IS:1367
5.	Note	:	Sizes in brackets are non-preferred standards.
6.	Finish	:	Blackened and coated with rust preventive oil

Low Head Socket Head Cap Screws

Grade 8.8

Metric Series M4-M16

Recommended Retail Prices in Rupees Per 100 Pieces

Diameter	M4	M5	M6	M8	M10	M12	(M14)	(M16)
Length								
(mm)								
5								
6	1545							
8	1170	1195	1195					
10	925	825	805	1335				
12	835	835	805	1020				
(14)	880	770	765	895				
16	880	770	765	895	1405			
(18)	935	825	805	925	1285			
20	935	825	805	925	1285	3445		
(22)	970	885	895	1035	1410	3000		
25	970	885	895	1035	1410	3000	7805	
30		1020	1005	1135	1545	3000	7805	6000
35			1100	1235	1675	3070	6565	6385
40				1335	1785	3090	6710	6385
45						3150	6835	6455
50						3215	6985	6785

1.	Specification	:	Generally conforming to DIN 7984
2.	Threads	:	6g for 8.8 as per ISO 261 ; ISO 965-2
3.	Material	:	8.8 Grade Low Carbon boron Steel, Medium Carbon Steel. Medium carbon Boron Steel.
4.	Mechanical Properties	:	As per DIN EN ISO 898-1
5.	Note	:	Sizes in brackets are non-preferred standards
6.	Finish	:	Thermal/Chemical Blackend with rust preventive Oil(Black Colour).
7.	Tensile load requirement	:	80% of the values specified in DIN EN ISO 898-1
8.	Minimum batch quantiy	:	M4 & M5 - 5000nos. M6 & M8 - 4000nos. M10 & M12 - 3000nos. M14 & 16 - 2000 Nos.

SOCKET KEYS - Metric Series

Recommended Retail Prices in Rupees Per 100 Piece

Sl.No.	Part No.	Size	Description	Qty. per box	Piece per 100 nos. Rs. P.
1	070000150	1.5 mm	Hex Socket Key	**100**	**1215**
2	070000200	2.0 mm	Hex Socket Key	**100**	**1215**
3	070000250	2.5 mm	Hex Socket Key	**100**	**970**
4	070000300	3.0 mm	Hex Socket Key	**100**	**970**
5	070000400	4.0 mm	Hex Socket Key	**100**	**1920**
6	070000500	5.0 mm	Hex Socket Key	**100**	**2485**
7	070000600	6.0 mm	Hex Socket Key	**50**	**3300**
8	070000700	7.0 mm	Hex Socket Key	**50**	**9880**
9	070000800	8.0 mm	Hex Socket Key	**25**	**6045**
10	070000900	9.0 mm	Hex Socket Key	**25**	**15445**
11	070001000	10.0 mm	Hex Socket Key	**25**	**9880**
12	070001200	12.0 mm	Hex Socket Key	**10**	**15445**
13	070001400	14.0 mm	Hex Socket Key	**10**	**22015**
14	070001700	17.0 mm	Hex Socket Key	**10**	**37470**
15	070001900	19.0 mm	Hex Socket Key	**10**	**51705**

SOCKET KEYS - Metric Series

Recommended Retail Prices in Rupees Per 100 Piece

Sl.No.	Part No.	Size	Description	Qty. per box	Piece per 100 nos. Rs. P.
16	070002200	22.0 mm	Hex Socket Key	**5**	**90375**
17	070002400	24.0 mm	Hex Socket Key	**5**	**116810**
18	070002700	27.0 mm	Hex Socket Key	**5**	**204310**
19	070003200	32.0 mm	Hex Socket Key	**4**	**359305**
20	070003600	36.0 mm	Hex Socket Key	**4**	**546100**
21	071000150	1.5 mm	Hex Socket Key (Long)	**25**	**2070**
22	071000200	2.0 mm	Hex Socket Key (Long)	**25**	**2335**
23	071000250	2.5 mm	Hex Socket Key (Long)	**25**	**2335**
24	071000300	3.0 mm	Hex Socket Key (Long)	**25**	**2335**
25	071000400	4.0 mm	Hex Socket Key (Long)	**10**	**3615**
26	071000500	5.0 mm	Hex Socket Key (Long)	**10**	**4485**
27	071000600	6.0 mm	Hex Socket Key (Long)	**5**	**5625**
28	071000800	8.0 mm	Hex Socket Key (Long)	**5**	**7800**
29	071001000	10.0 mm	Hex Socket Key (Long)	**5**	**14850**
30	078000000		Hex Socket Key (Metric - Norm) Set	**10**	**30855**

SOCKET KEYS - T Handle Hex

Recommended Retail Prices in Rupees Per 100 Piece

Sl.No.	Part No.	Size	Description	Qty. per box	Piece per 100 nos. Rs. P.
1	072000150	1.5 mm	T Handle Hex Socket Key (Long)	**25**	**4135**
2	072000200	2.0 mm	T Handle Hex Socket Key (Long)	**25**	**4645**
3	072000250	2.5 mm	T Handle Hex Socket Key (Long)	**25**	**4645**
4	072000300	3.0 mm	T Handle Hex Socket Key (Long)	**25**	**4645**
5	072000400	4.0 mm	T Handle Hex Socket Key (Long)	**10**	**5415**
6	072000500	5.0 mm	T Handle Hex Socket Key (Long)	**10**	**6285**
7	072000600	6.0 mm	T Handle Hex Socket Key (Long)	**10**	**8450**
8	072000800	8.0 mm	T Handle Hex Socket Key (Long)	**10**	**11400**
9	074000150	1.5 mm	T Handle Hex Socket Key (Short)	**25**	**3110**
10	074000200	2.0 mm	T Handle Hex Socket Key (Short)	**25**	**3110**
11	074000250	2.5 mm	T Handle Hex Socket Key (Short)	**25**	**3110**
12	074000300	3.0 mm	T Handle Hex Socket Key (Short)	**25**	**3110**
13	074000400	4.0 mm	T Handle Hex Socket Key (Short)	**25**	**3615**
14	074000500	5.0 mm	T Handle Hex Socket Key (Short)	**25**	**4220**
15	074000600	6.0 mm	T Handle Hex Socket Key (Short)	**10**	**5875**
16	074000800	8.0 mm	T Handle Hex Socket Key (Short)	**10**	**8835**
17	082000400	1/16 inch	T Handle Hex Socket Key (Long)	**25**	**4135**

SOCKET KEYS - Inch Series

Recommended Retail Prices in Rupees Per 100 Piece

Sl.No.	Part No.	Size	Description	Qty. per box	Piece per 100 nos. Rs. P.
1	080000400	1/16 inch	Hex Socket Key	**100**	**1255**
2	080000500	5/64 inch	Hex Socket Key	**100**	**1255**
3	080000600	3/32 inch	Hex Socket Key	**100**	**1255**
4	080000800	1/8 inch	Hex Socket Key	**100**	**1255**
5	080000900	9/64 inch	Hex Socket Key	**100**	**2235**
6	080001000	5/32 inch	Hex Socket Key	**100**	**1495**
7	080001200	3/16 inch	Hex Socket Key	**100**	**1915**
8	080001400	7/32 inch	Hex Socket Key	**50**	**2715**
9	080001600	1/4 inch	Hex Socket Key	**50**	**3795**
10	080002000	5/16 inch	Hex Socket Key	**25**	**6230**
11	080002400	3/8 inch	Hex Socket Key	**25**	**9735**
12	080003200	1/2 inch	Hex Socket Key	**10**	**18565**
13	080003600	9/16 inch	Hex Socket Key	**10**	**23850**
14	080004000	5/8 inch	Hex Socket Key	**10**	**33180**
15	081000400	1/16 inch	Hex Socket Key (Long)	**25**	**2070**
16	081000500	5/64 inch	Hex Socket Key (Long)	**25**	**2070**
17	081000600	3/32 inch	Hex Socket Key (Long)	**25**	**2070**
18	081000800	1/8 inch	Hex Socket Key (Long)	**25**	**2070**
19	081001000	5/32 inch	Hex Socket Key (Long)	**10**	**2335**
20	081001200	3/16 inch	Hex Socket Key (Long)	**10**	**3025**
21	081001400	7/32 inch	Hex Socket Key (Long)	**10**	**3880**
22	081001600	1/4 inch	Hex Socket Key (Long)	**5**	**5520**

SOCKET KEYS - Inch Series

Recommended Retail Prices in Rupees Per 100 Piece

Sl.No.	Part No.	Size	Description	Qty. per box	Piece per 100 nos. Rs. P.
23	082000500	5/64 inch	Hex Socket Key (Long)	**25**	**4645**
24	082000600	3/32 inch	Hex Socket Key (Long)	**25**	**4645**
25	082000800	1/8 inch	Hex Socket Key (Long)	**25**	**4645**
26	082001000	5/32 inch	Hex Socket Key (Long)	**10**	**5160**
27	082001200	3/16 inch	Hex Socket Key (Long)	**10**	**5595**
28	082001400	7/32 inch	Hex Socket Key (Long)	**10**	**6440**
29	082001600	1/4 inch	Hex Socket Key (Long)	**10**	**8600**
30	084000400	1/16 inch	Hex Socket Key (Long)	**25**	**3110**
31	084000500	5/64 inch	Hex Socket Key (Long)	**25**	**3110**
32	084000600	3/32 inch	Hex Socket Key (Long)	**25**	**3110**
33	084000800	1/8 inch	Hex Socket Key (Long)	**25**	**3110**
34	084001000	5/32 inch	Hex Socket Key (Long)	**25**	**3370**
35	084001200	3/16 inch	Hex Socket Key (Long)	**25**	**3795**
36	084001400	7/32 inch	Hex Socket Key (Long)	**10**	**4395**
37	084001600	1/4 inch	Hex Socket Key (Long)	**10**	**5775**
38	084002000	5/16 inch	Hex Socket Key (Long)	**10**	**8070**
39	088000000		Hex Socket Key (Inch-Norm) Set	**10**	**33190**

Specification :

Inch Series : Generally conforming to BS:2470
Material : High grade alloy steel

Mechanical Properties :

Hardness : 50 HRc (3/8" & BELOW SIZE)
Hardness : 45 Hrc (Above 3/8"SIZE)
Finish : Blackened & Coated with rust preventive oil

Note :

Metric Series : IS 3082: ISO 2936: DIN 911
Material : Special grade alloy steel

Mechanical Properties :

Hardness : 50 HRc (1.5mm to 8mm)
: 48 HRc (9mm to 14mm)
: 45 HRc (15mm to 36mm)
Finish : Balckened & Coated with rust preventive oil

• Size stamped in plastic 'T' handle for easy identification• Metric keys will have red plastic handle
• Inch key will have blue plastic handle

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