



Sundram Fasteners Limited

RETAIL PRICE LIST

NO.SF/HEX/01/2020

HEX PRODUCTS-STANDARD APPLICATION

Effective 1st December 2020

STANDARD APPLICATION

PERFECT.ENGINEERING.CO

59 BIBIJAN STREET

MUMBAI 400003

TEL- 23441440 / 9322290077

Email - dharamfastners@gmail.com

Web - www.dharamfastners.in

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			





GENERAL CONDITIONS FOR SALE (RELATED TO PRICE LIST NO.SF/HEX/01/2020)

GENERAL TERMS AND CONDITIONS OF 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 None of these terms and conditions may be added to, modified, superseded or otherwise altered, except by a written instrument signed by an authorized signatory of SFL.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.



GENERAL CONDITIONS FOR SALE (RELATED TO PRICE LIST NO.SF/HEX/01/2020)

- 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 conform 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/rules, 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., For White, Yellow & Green Finish (5-8Microns) Trivalent Finish (Chrome free) would be charged @ 5% 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.



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

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	

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



COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES	SPECIFICATION	: IS 1364/2002
	THREAD FIT	: IS 4218/2001
	SUPPLY CONDITION	: IS 1367/2002
	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	360					
10mm	360	330	520			
12mm	370	360	500	860		
14mm	370	420	520	860		
15mm	370	385	545	860		
16mm	370	370	510	830		
18mm	410	410	370	830		
20mm	435	420	370	780	1240	
22mm	435	435	500	820	1240	1750
25mm	435	435	475	805	1280	1980
28mm	485	475	535	895	1330	2000
30mm	460	460	535	820	1345	2030
32mm	660	510	580	945	1355	2115
35mm	500	500	475	820	1355	2115
38mm	685	510	620	1035	1490	2235
40mm	510	510	520	1035	1300	2235
45mm	520	510	560	900	1625	1965
50mm	720	560	605	975	1740	2180
55mm		605	730	1190	1805	2795
60mm		605	845	1300	1900	2580
65mm		695	870	1365	1930	2985
70mm		695	920	1440	2225	3325
75mm		755	955	1575	2315	3490
80mm		780	1065	1860	2455	3685
85mm		860	1070	1965	2560	3770
90mm			1330	2065	2690	4030
95mm			1410	2210	2860	4575
100mm			1490	2245	3140	4650
105mm			1575	2400	3340	5000
110mm			1685	2435	3490	5280
115mm			2145	3090	4245	6350
120mm			2145	2875	3715	5590
125mm			2200	2940	3880	5705
130mm			2265	3460	3950	6020
135mm			2580	4085	5010	7835
140mm			2705	3575	4760	8580
145mm			3020	5520	5715	9165
150mm			3020	5520	6830	9450
155mm				5755	6830	10355
160mm				5755	6830	10570
165mm				6020	6855	10740
170mm				6020	6855	10990
175mm				6020	7160	11335
180mm				6240	7410	11335
185mm					9225	11745
190mm					9225	11745
195mm					9800	12115
200mm					9800	12115

Note:

- * For any intermediate length of Bolt/Screw the next higher size price will be charged.
- * Prices applicable for Zinc Phosphate Black Finish (0200) only.
- * Trivalent finish (Chorme Free) would be charged 5% Extra
- * Prices for Zinc White finish (0300), Zinc Yellow finish (0400), Zinc Green Finish (0900) will be charged 5% extra.
- * 12.9 Grade price will be based on Enquiry



COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES	SPECIFICATION	: IS 1364/2002
	THREAD FIT	: IS 4218/2001
	SUPPLY CONDITION	: IS 1367/2002
	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	2910														
28mm	2910														
30mm	2910			6100											
32mm	2920			6100											
35mm	2920	5455	6000	6100											
38mm	2955	5455	6000	6100											
40mm	2955	5455	6000	6100	6710										
45mm	3195	5695	6255	6100	6945	7245	10115								
50mm	3355	5850	6455	6310	6945	8030	10115		31945						
55mm	3580	6255	6880	6565	7210	8645	10150		31945						
60mm	3845	6455	7090	6955	7645	8955	10515		31945						
65mm	4065	6680	7340	7180	8190	10060	10895	23135	31945						
70mm	4315	6955	7645	7450	8190	10395	11540	23135	31945						
75mm	4625	7370	8105	7750	8520	10750	11970	24900	31945		68640				
80mm	5045	7370	8105	7975	8770	11170	13150	26000	31945	42730	68640				
85mm	5195	7590	8630	8685	9545	11530	13580	28420	34810	45370	57495				
90mm	5400	7835	8630	8480	9330	11900	14035	28420	37440	45370	57495				
95mm	5835	8045	9140	8770	9855	12315	14430	30845	37450	48460	59905		104665		
100mm	5865	8310	9140	8970	9855	12080	15175	30845	37450	48460	59905	56055	104665		
105mm	6235	8890	10060	9385	10420	13570	15320	33270	41200	52210	63870	58480	111355		
110mm	6370	9140	10060	9470	10420	13815	15775	33270	41200	52210	63870	64360	111355		
115mm	8190	10690	12385	10935	12900	16415	18525	33925	42075	53520	65190	67770	118060		
120mm	7105	9635	10840	10255	11285	14745	16660	33925	42075	53520	65190	72240	118060		
125 mm	7180	9845	10840	10650	12070	15195	17055	35030	44060	56385	68500	74535	118060		
130mm	8500	10070	11085	10960	12070	15555	17450	35030	44060	56385	68500	78260	124750		
135mm	9950	11750	12920	12815	14335	18215	20450	37450	46700	59905	72455	84280	124750		
140mm	8675	10515	11560	11400	12540	16320	18280	37450	46700	59905	72455	86685	124750		
145mm	9305	10790	11870	11735	13230	16670	18780	39660	49340	63205	76420	92420	138730		
150mm	10315	11250	12375	12030	13230	17100	19175	39660	49340	63205	76420	95860	138730	155375	154795
155mm	10530	12245	13470	13415	14770	18175	20450	41850	53310	66070	80170	100445	145555	163020	157090
160mm	10690	12475	13725	13675	15040	18605	20855	41850	53310	66070	80170	107325	145555	163020	159380
165mm	11400	12720	14005	14005	15400	19085	21315	46255	58805	72455	93150	110655	152255	170520	162820
170mm	11625	12955	14260	14240	15660	19380	21775	46255	58805	72455	93150	113635	152255	170520	166260
175mm	11800	13295	14630	14520	15975	19835	22190	46255	58805	72455	93150	116385	158955		
180mm	12020	13505	14855	14870	16355	20200	22660	46255	58805	72455	93150	119020	158955	178035	171990
185mm	12215	13805	15195	15140	16660	20595	23070	50440	64100	78840	100860	125670	165700		
190mm	12400	14015	15415	15390	16925	21030	23525	50440	70510	78840	100860	129115	165700		
195mm	12640	14310	15755	15695	17275	21415	24000	50440	64100	78840	100860	132435	172430		191345
200mm	13010	14535	16000	16010	17615	20775	24440	50440	64100	78840	100860	138745	172430	193125	191345

Note:

- * For any intermediate length of Bolt/Screw the next higher size price will be charged.
- * Prices applicable for Zinc Phosphate Black Finish (0200) only.
- * Trivalent finish (Chorme Free) would be charged 5% Extra
- * Prices for Zinc White finish (0300), Zinc Yellow finish (0400), Zinc Green Finish (0900) will be charged 5% etra.
- * 12.9 Grade price will be based on Enquiry



COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES	SPECIFICATION	: IS 1364/2002
	THREAD FIT	: IS 4218/2001
	SUPPLY CONDITION	: IS 1367/2002
	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	13645	14890	18690	15780	17355	34680	41145	47350
210mm	14890	16130	18690	16040	17645	34680	41145	47350
215mm	16130	16755	18690	16820	18510	34680	41145	47350
220mm	17375	19230	18690	17500	19255	34680	41145	47350
225mm	18615	20470	20100	18370	20205	31530	44570	49050
230mm	21075	21265	20100	18865	20745	31530	44570	49050
235mm	22320	23560	20100	19175	21095	31530	44570	49050
240mm	23440	25040	20100	19420	21365	31530	44570	49050
245mm	24800	26285	20510	19975	21980	33060	46265	50745
250mm	27115	29225	20510	20250	22270	33060	46265	50745
255mm	27995	30830	20510	24190	26605	33060	46265	50745
260mm			20510	26425	29070	33060	46265	50745
265mm			22640	27790	30570	36055	51425	55800
270mm			22640	29460	32410	36055	51425	55800
275mm			22640	29895	32890	36055	51425	55800
280mm			22640	30705	33780	36055	51425	55800
285mm			24900			39290	57085	87450
290mm			24900			39290	57085	87450
295mm			24900			39290	57085	87450
300mm			24900			39290	57085	87450
305mm			29885					87520
310mm			29885					88505
315mm			29885					89440
320mm			29885					92560
325mm			31110					95680
330mm			32325					99335
335mm			33535					100880
340mm			34190					101385
345mm			34375					101920
350mm			34375					102960
355mm			34375					104000
360mm			34375					104210
365mm			36630					104520
370mm			37970					104730
375mm			39185					104835
380mm			39305					104940
385mm			39535					105040
390mm			39535					105250
395mm			39535					105560
400mm			39535					106030

Note:
 * For any intermediate length of Bolt/Screw the next higher size price will be charged.
 * Prices applicable for Zinc Phosphate Black Finish (0200) only.
 * Trivalent finish (Chorme Free) would be charged 5% Extra
 * Prices for Zinc White finish (0300), Zinc Yellow finish (0400), Zinc Green Finish (0900) will be charged 5% extra.
 * 12.9 Grade price will be based on Enquiry



COLD FORGED HIGH TENSILE PRECISION HEXAGONAL HEAD BOLTS AND SCREWS METRIC SERIES	SPECIFICATION	: IS 1364/2002
	THREAD FIT	: IS 4218/2001
	SUPPLY CONDITION	: IS 1367/2002
	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	69590	77300	95360	120910	142300	178580		
210mm	69590	77300	95360	120910	147345	178580		
215mm	69590	77300	95360	120910	150895	184730		
220mm	69590	77300	95360	120910	154225	184730	206900	210695
225mm	74890	82810	102405	129710	156975	192790		
230mm	74890	82810	102405	129710	161790	192790	215925	210695
235mm	74890	82810	102405	129710	163970	200850		
240mm	74890	82810	102405	129710	167405	200850	224955	224735
245mm	79945	88320	110120	138515	170850	208910		
250mm	79945	88320	110120	138515	174285	208910	233980	246525
255mm	79945	88320	110120	138515	178870	216970		
260mm	79945	88320	110120	138515	185750	216970	243015	264870
265mm	84800	93825	117815	147090	189310	221315		
270mm	84800	93825	117815	147090	192630	221315	247870	277480
275mm	84800	93825	117815	147090	197220	225170		
280mm	84800	93825	117815	147090	200660	225170	252190	285570
285mm	88750	100065	125305	176610	201805	233235		
290mm	88750	100065	125305	176610	206510	233235	261225	292390
295mm	88750	100065	125305	176610	209945	241295		
300mm	88750	100065	125305	176610	213390	241295	270245	299270
305mm		100585	130270	178615	217285	248015		
310mm		100830	132750	178615	219120	249260		
315mm		103055	135235	178615	221415	250495		
320mm		103440	137460	178615	223820	254220		312000
325mm		104305	149980	192220	226115	255460		
330mm		105540	162385	193460	228405	256700		
335mm		108025	164865	195940	230700	257945		
340mm		109260	167345	198415	232995	260420		343200
345mm		111745	169830	204615	235285	261660		
350mm		114350	171380	204615	238615	264135		
355mm		116825	175220	204615	240910	272820		
360mm		118350	177820	204615	243200	275295		
365mm		119590	180290	204615	246640	276540		
370mm		122065	182770	217020	248930	279025		
375mm		124555	185010	217020	251225	285215		
380mm		125785	187610	229415	255810	287705		
385mm		128270	196040	231900	259255	295140		
390mm		128270	197370	233140	262690	297620		
395mm		128270	201025	234380	266820	303825		
400mm		128270	201275	235615	269570	310015		

Note:

- * For any intermediate length of Bolt/Screw the next higher size price will be charged.
- * Prices applicable for Zinc Phosphate Black Finish (0200) only.
- * Trivalent finish (Chorme Free) would be charged 5% Extra
- * Prices for Zinc White finish (0300), Zinc Yellow finish (0400), Zinc Green Finish (0900) will be charged 5% extra.
- * 12.9 Grade price 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

GRADE 5.2 & 8 for UNC/UNF

DIA → LENGTH↓	1/4"	5/16"	3/8"	7/16"	1/2 "	9/16"	5/8"	3/4"	7/8"	1"	1-1/4"
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
1/2"	420	560	870								
5/8"	545	560	905	805							
3/4"	485	520	755	805	1440						
7/8"	450	580	955	905	1560						
1"	475	560	685	935	1515	1765	2850				
1-1/8"	500	580	720	1015	1650	1920	3075				
1-1/4"	485	560	745	1005	1610	1920	3030	5580			
1-3/8"	510	630	805	1035	1750	2245	3325	6110			
1-1/2"	520	660	805	1070	1590	2245	3180	5840	8170	11335	
1-5/8"	570	695	935	1265	1860	2245	3390	6350	8555	11335	
1-3/4"	545	720	885	1240	1795	2245	3245	6065	8555	11335	
1-7/8"	620	780	1015	1355	2040	2245	3550	6755	8985	11355	
2"	595	745	965	1330	1965	2275	3405	6465	8985	11355	
2-1/8"	630	820	1005	1450	2065	2615	3595	6770	9505	11805	
2-1/4"	630	820	1005	1450	2065	2615	3595	6770	9505	11805	40315
2-3/8"	660	860	1110	1560	2105	2985	3950	7100	9970	12325	41555
2-1/2"	660	860	1110	1560	2105	3235	3950	7100	9970	12325	42795
2-5/8"	745	955	1215	1685	2135	3360	4270	7750	10430	13160	43410
2-3/4"	745	955	1215	1685	2135	3425	4270	7750	10430	13160	43975
2-7/8"	805	1005	1280	1805	2325	3480	4590	8045	10910	13760	44620
3"	805	1005	1280	1805	2325	3660	4590	8045	10910	13760	44915
3-1/4"	965	1015	1365	1945	2570	4080	4885	8605	12200	14985	46160
3-1/2"	1015	1090	1450	1990	2590	4080	5295	8890	12640	15615	46380
3-3/4"		1505	1875	2350	2900		5495	9685	12860	16210	47270
3-7/8"		1590	1990	2570	2930		6000	9970	13515	17190	48315
4"		1590	1990	2570	2930		6000	9970	13515	17190	48460
4-1/8"		1635	1965	2920	3275		6225	10385	14675	18470	53935
4-1/4"		1635	1965	2795	3275		6225	10385	14675	18470	53935
4-3/8"		1725	2040	2985	3390		6455	10690	15005	18910	53935
4-1/2"		1725	2040	2850	3390		6455	10690	15005	18910	53935
4-5/8"		1795	1910	2850	3635		7200	11025	15640	19535	53935
4-3/4"		1795	2105	2850	3635		7200	11025	15640	19535	53935
5"		1875	2180	3200	3605		7270	11375	16150	20200	53935
5-1/4"			3350	4370	5355		8030	11735	16545	20820	58930
5-1/2"			3510	4370	5940		8350	12125	17005	21480	58930
5-3/4"			3820		6585		8480	12595	17540	22095	58930
6"			3980		7260		8570	12770	18045	22805	58930
6-1/4"			4905		7390		9505	13120	18545	23430	58930
6-1/2"			4905		7535		9745	13470	19085	24145	58930
6-3/4"			4905		7740		9970	13805	19535	24760	58930
7"			4905		8010		10195	14160	20105	25430	67590
7-1/4"					8655		10430	14510	20620	26090	67590
7-1/2"					8655		10650	14805	21125	26710	67590
7-3/4"					8825		10865	15250	21625	27685	67590
8"					9015		11120	15500	22120	28485	67590
8-1/2"								17840	25445	32760	68350
9-1/4"								20510	29265	37685	75205
9-1/2"								23585	33655	43335	79315



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

GRADE R,BSW/BSF

DIA → LENGTH↓	1/4"	5/16"	3/8"	7/16"	1/2 "	9/16"	5/8"	3/4"	7/8"	1"	1-1/4"
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
1/2"	420	560	870								
5/8"	545	560	905	805							
3/4"	485	520	755	805	1440						
7/8"	450	580	955	905	1560						
1"	475	560	685	935	1515	1765	2850				
1-1/8"	500	580	720	1015	1650	1920	3075				
1-1/4"	485	560	745	1005	1610	1920	3030	5580			
1-3/8"	510	630	805	1035	1750	2245	3325	6110			
1-1/2"	520	660	805	1070	1590	2245	3180	5840	8170	11335	
1-5/8"	570	695	935	1265	1860	2245	3390	6350	8555	11335	
1-3/4"	545	720	885	1240	1795	2245	3245	6065	8555	11335	
1-7/8"	620	780	1015	1355	2040	2245	3550	6755	8985	11355	
2"	595	745	965	1330	1965	2275	3405	6465	8985	11355	
2-1/8"	630	820	1005	1450	2065	2615	3595	6770	9505	11805	
2-1/4"	630	820	1005	1450	2065	2615	3595	6770	9505	11805	40315
2-3/8"	660	860	1110	1560	2105	2985	3950	7100	9970	12325	41555
2-1/2"	660	860	1110	1560	2105	3235	3950	7100	9970	12325	42795
2-5/8"	745	955	1215	1685	2135	3360	4270	7750	10430	13160	43410
2-3/4"	745	955	1215	1685	2135	3425	4270	7750	10430	13160	43975
2-7/8"	805	1005	1280	1805	2325	3480	4590	8045	10910	13760	44620
3"	805	1005	1280	1805	2325	3660	4590	8045	10910	13760	44915
3-1/4"	965	1015	1365	1945	2570	4080	4885	8605	12200	14985	46160
3-1/2"	1015	1090	1450	1990	2590	4080	5295	8890	12640	15615	46380
3-3/4"		1505	1875	2350	2900		5495	9685	12860	16210	47270
3-7/8"		1590	1990	2570	2930		6000	9970	13515	17190	48315
4"		1590	1990	2570	2930		6000	9970	13515	17190	48460
4-1/8"		1635	1965	2920	3275		6225	10385	14675	18470	53935
4-1/4"		1635	1965	2795	3275		6225	10385	14675	18470	53935
4-3/8"		1725	2040	2985	3390		6455	10690	15005	18910	53935
4-1/2"		1725	2040	2850	3390		6455	10690	15005	18910	53935
4-5/8"		1795	1910	2850	3635		7200	11025	15640	19535	53935
4-3/4"		1795	2105	2850	3635		7200	11025	15640	19535	53935
5"		1875	2180	3200	3605		7270	11375	16150	20200	53935
5-1/4"			3350	4370	5355		8030	11735	16545	20820	58930
5-1/2"			3510	4370	5940		8350	12125	17005	21480	58930
5-3/4"			3820		6585		8480	12595	17540	22095	58930
6"			3980		7260		8570	12770	18045	22805	58930
6-1/4"			4905		7390		9505	13120	18545	23430	58930
6-1/2"			4905		7535		9745	13470	19085	24145	58930
6-3/4"			4905		7740		9970	13805	19535	24760	58930
7"			4905		8010		10195	14160	20105	25430	67590
7-1/4"					8655		10430	14510	20620	26090	67590
7-1/2"					8655		10650	14805	21125	26710	67590
7-3/4"					8825		10865	15250	21625	27685	67590
8"					9015		11120	15500	22120	28485	67590
8-1/2"								17840	25445	32760	68350
9-1/4"								20510	29265	37685	75205
9-1/2"								23585	33655	43335	79315

- Note:
1. For Grade 8(UNC/FJ&GradeT(BSF/W),Prices will be on enquiry
 2. Grade 5 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	SLNO.	INCH NUT	LIST
		Rs. P.			Rs. P.
1	1/4"	145	8.	3/4"	2400
2	5/16"	155	9.	7/8"	2755
3	3/8"	235	10.	1"	3730
4	7/16"	360	11.	1 ¼ " Nut UNC As Per BS1768	20800
5	1/2 "BSF	560	12.	1 ½ " Nut UNC As Per BS1768	29120
6	1/2 "UNC	590	13.	1 ¾ " Nut UNC As Per BS1768	41600
7	5/8" BSF/UNF/UNC	1240	14.	2" Nut UNC As Per BS1768	62400

1. For Grade 8 Prices will be on enquiry

METRIC SERIES							
SPECIFICATION: ISO 4032 / DIN 934				MECHANICAL PROPERTY : 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		SLNO.	DIA & PITCH	LIST PRICE	
		Rs. P.				Rs. P.	
		GR 8	GR 10			GR 8	GR 10
1	M 4 x 0.7	120		17	M 18 X 2.5	1735	1735
2	M 5 x 0.8	140		18	M 20 X 1.5	2445	2445
3	M 6 x 1	120	150	19	M 20 X 2.5	2445	2445
4	M 8 x 1	160	170	20	M 22 X 1.5	3185	3185
5	M 8 x 1.25	150	160	21	M 22 X 2.5	3185	3185
6	M 10 x 1	235	300	22	M 24 X 2	3785	3785
7	M 10 X 1.25	235	300	23	M 24 X 3	3785	3785
8	M 10 X 1.5	235	300	24	M 27 X 3	6790	6790
9	M 12 X 1.25	405	555	25	M 30 X 3.5	9885	9885
10	M 12 X 1.5	405	445	26	M 33 X 3.5	13135	13135
11	M 12 X 1.75	405	45	27	M 36 X 4	17720	17720
12	M 14 X 1.5	910	1070	28	M 39 X 4	25945	25945
13	M 14 X 2.0	910	1070	29	M 42 X 4.5	33355	33355
14	M 16 X 1.5	1175	1175	30	M 45 X 4.5	36235	36235
15	M 16 X 2.0	1175	1175	31	M 48 X 5	48270	48270
16	M 18 X 1.5	1735	1735	32	M 52 X 5		63860
				33	M 56 X 5.5		77250

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		SLNO.	INCH NUT	LIST PRICE	
		Rs. P.				Rs. P.	
		GR 8	GR 10			THIN	THICK
1	M6 x 1	195	220	1	1/4" BSW/UNC/UNF		235
2	M8 x 1	275	330	2	1/4" BSF		245
3	M8 x 1.25	275	275	3	5/16" BSW/UNC/UNF	360	335
4	M10 x 1	470	470	4	5/16" BSF	375	355
5	M10 x 1.25	470	500	5	3/8" BSW/UNC/UNF	495	455
6	M10 x 1.5	470	605	6	3/8"BSF	515	470
7	M12 x 1.25	695		7	7/16" UNC/UNF	750	685
8	M12 x 1.50	695	850	8	7/16" BSF	780	715
9	M12 x 1.75	695	850	9	1/2" BSW/UNF/UNC		795
10	M14 x 1.5	1110	1250	10	1/2" BSF	870	825
11	M14 x 2	1110	1250	11	5/8" BSW/UNF/UNC		1715
12	M16 x 1.5	1485	1670	12	5/8" BSF		1795
13	M16 x 2	1485	1670	13	3/4" BSF		3635
14	M18 x 2.5	6310	6310				
15	M20 x 2.5	7690	7690				
16	M22 x 2.5	8030	8030				
17	M24 x 3	9980	9980				
18	M27 x 3	12275	12275				
19	M30 x 3.5	16630	16630				

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	265	M01020	M4 x .7	170
M90540	M6 x 1	315	M01030	M5 x .8	185
M90580	M8 x 1	350	M01040	M6 x 1	170
M90610	M8 x 1.25	295	M01180	M8 x 1.25	275
M93130	M10 x 1.5	325	M01190	M10 x 1.5	325
M91990	M10 x 1.25	430	M01630	M10 x 1.25	445
M93140	M12 x 1.75	935	M01750	M12 x 1.75	540
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	715	915123110	M12 x 1.5 Gr.8	1465
913103110-0200	M10 x 1.5	850	915123113	M12 x 1.5 Gr.10	1670
913123110-0200	M12 x 1.5	1465	915165110	M16 x 2 Gr.8	2355
913124110-0200	M12 x 1.75	1465	M91680	M14 x 1.5 Gr.8	1635
913163110-0200	M16 x 1.5	2355	M91690	M14 x 1.5 Gr.10	1815
913165110-0200	M16 x 2	2355	M91700	M16 x 1.5 Gr.8	1945
			M91710	M16 x 1.5 Gr.10	2115
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	1550	925125110-0200	3/8" UNF	885
923202113-0200	5/8" BSF	2715	925162110-0200	1/2" BSF	1550
			925162113-0200	1/2" BSF	1685
			925165110-0200	1/2" UNF	1480