

LPS High Tensile Fasteners

STANDARD INDUSTRIAL PRODUCTS

(NON-AUTO)

SOCKET & HEXAGON PRODUCTS

Price List No. LPS/70

Effective from April 1, 2018



LAKSHMI PRECISION SCREWS LTD.
ROHTAK – 124001

SELECTOR GUIDE

Product	Tensile Strength Property Class		Size Range				Equivalent Standards						
			Diameter		Length		IS	ISO	DIN	BS	ANSI/ASME	JIS	
	N/mm ² Min.	Psi Min.	Metric	Inch*	Metric	Inch*							
Socket Head Cap Screw	(1220)	(12.9)	1,90,000	M3 to M42	1/8" to 1"	4mm to 400mm	3/8" to 10"	2269	4762	912	FOR INCH SERIES BS.2470	B18.3.1 M/ B18.3	B1176
Socket Low Head Cap Screws	(1040)	(10.9)	---	M4 to M12	---	10mm to 80mm			---	6912 7984		---	---
Socket Counter Sunk Head Screws	(1220)	(12.9)	1,60,000	M3 to M24	1/4" to 5/8"	6mm to 150mm	1/2" to 3"	6761	10642	7991		B18.3.5 M/ B18.3	---
Socket Button Head Cap Screws	(1220)	(12.9)		M3 to M10	---	6mm to 50mm	---	---	7380	9427		B18.3.4 M/ B18.3	---
Socket Set Screws Knurled Cup Point	Hardness HRC 45 Min.			M3 to M12	3/16" to 1/2"	3mm to 55mm	3/16" to 1.1/2"	6094	4029	916		B18.3.6 M/ B18.3	B 1177
Socket Set Screws Special Points	Hardness HRC 45 Min.			M3 to M16	3/16" to 1/2"	3mm to 55mm	3/16" to 1.1/2"		4026 4027 4028	915 916 914		B18.3	
Hex Head Bolts / Screws	800/830 (8.8) 1,040 (10.9)	Grade R, S, V		M3 to M42	1/4" to 1"	8mm to 400mm	3/8" to 12"	1364	4014 4017	931 933	BSF/BSW BS:1083	B18.2.1	B1180
Hex Nuts	1,040 (Proof Stress) (10)	Grade 8 Grade R Grade 5		M4 to M42	5/16" to 1"	---		1364	4032	934		UNC/UNF BS :1768	B18.2.4.1 M/ B18.2.2
Special Products	800/830 (8.8) 1,040 (10.9)			M5 to M42	1/4" to 1"	6mm to 400mm	3/8" to 12"	As per customer specifications					

* Thread type in any of the following inch series BSW, BSF, BA, UNC & UNF

* All Standards are for latest version.

THREAD SIZE COMPARISON

METRIC PRODUCTS				UNIFIED INCH PRODUCTS			B.S.INCH PRODUCTS									
SIZE	THREAD PITCH & T.P.I.				Major Dia.		SIZE	T.P.I.		Major Dia.	SIZE	T.P.I.		Major Dia	T.P.I.	Major Dia
	COARSE		FINE													
	PITCH mm	T.P.I.	PITCH mm	T.P.I.	mm	inch		UNC	UNF	inch		BSW	BSF	inch	BA	inch
M3	0.50	51.00			3.00	0.118	# 5	40	44	0.125	1/8	40		0.125		
							# 6	32	40	0.138	5BA 4BA				43.1 38.5	0.126 0.142
M4	0.70	36.00			4.00	0.157	# 8	32	36	0.164	3BA				34.8	0.161
M5	0.80	32.00			5.00	0.197	# 10	24	32	0.190	3/16"	24	32	0.187		
											2BA 1BA				31.3 28.2	0.185 0.209
M6	1.00	25.00			6.00	0.236	1/4"	20	28	0.250	0BA 1/4"	20	26	0.250	25.4	0.236
M8	1.25	20.00	1.00	25	8.00	0.315	5/16"	18	24	0.313	5/16"	18	22	0.313		
M10	1.50	17.00	1.25	20	10.00	0.394										
			1.00	25	10.00	0.394	3/8"	16	24	0.375	3/8"	16	20	0.375		
							7/16"	14	20	0.438						
M12	1.75	14.50	1.50	17	12.00	0.472										
			1.25	20	12.00	0.472	1/2"	13	20	0.500	1/2"	12	16	0.500		
(M14)	2.00	12.50	1.50	17	14.00	0.551										
M16	2.00	12.50	1.50	17	16.00	0.630	5/8"	11	18	0.625	5/8"	11	14	0.625		
(M18)	2.50	10.00	1.50	17	18.00	0.709										
M20	2.50	10.00	1.50	17	20.00	0.787	3/4"	10	16	0.750	3/4"	10	12	0.750		
M22	2.50	10.00	1.50	17	22.00	0.866	7/8"	9	14	0.875	7/8"	9	11	0.875		
M24	3.00	8.50	2.00	13	24.00	0.945	1"	8	12	1.000	1"	8	10	1.000		
					24.00	0.945										
M27	3.00	8.50			27.00	1.060	1.1/8"	7	12	1.125	1.1/8"	7	9	1.125		
M30	3.50	7.30			30.00	1.181	1.1/4"	7	12	1.250	1.1/4"	7	9	1.250		
M33	3.50	7.30			33.00	1.299										
M36	4.00	6.30			36.00	1.417	1.1/2"	6	12	1.500	1.1/2"	6	8	1.500		
M42	4.50	5.60			42.00	1.653										

SHCS of size above 1" are either as per ANSI B18.3 OR as per LPS-STANDARD

Note:

Surface Finish: All the LPS Products, unless otherwise ordered specifically, are supplied in black thermal finish with a coat of rust preventive oil.

Packing: All the 'LPS' products are supplied in standard packing which is mentioned in Price Table.

Plating: LPS' recommends that no plating should be carried out on Socket Head products & do not stand any guarantee, as plating adds embrittlement to the strength level of product & configuration which may lead to failures in use.

The prices, specifications and other particulars contained in this Price List are subject to change without notice.

LPS SOCKET HEAD CAP SCREWS

RECOMMENDED CONSUMER NET PRICES IN RUPEES PER 100 PIECES
EXCLUSIVE OF GST

**METRIC
SERIES**

EFFECTIVE FROM APRIL 1, 2018



Diameter Length (mm)	M3	M4	M5	M6	M8	M10	M12	M14	M16
	Wrench 2.5 mm	Wrench 3mm	Wrench 4mm	Wrench 5mm	Wrench 6mm	Wrench 8mm	Wrench 10mm	Wrench 12mm	Wrench 14mm
4	1098								
5	945	1070							
6	815	830	1175	1179					
8	595	593	637	774	1234				
10	500	470	430	510	1006	1743			
12	500	424	430	510	760	1229	3655		
14		685	640	730	750				
16	505	444	394	480	675	1147	3308		
18			670	753	875				
20	506	478	425	510	674	1178	2882	7700	6283
22		780	740	795	965				
25	533	491	448	574	739	1154	2511	6567	6283
30	700	593	518	648	830	1273	2400	6567	6283
35	880	654	568	712	893	1373	2441	5518	5174
40	1075	721	640	775	980	1661	2480	5645	5188
45	1170	844	710	845	1137	1809	2702	5748	5418
50	1310	1040	752	893	1199	1921	2718	5875	5447
55		1680	1284	999	1334	2077	3021	5952	5929
60		3470	1600	1836	1423	2240	3196	6309	5934
65		4378	3160	1911	1553	2434	3366	6405	6512
70			3833	2098	1656	2607	3537	6905	7007
75			4265	2183	1759	2781	3703	7302	7409
80			4870	2362	2500	3800	4408	7648	7756
85			6985	3059	3630	4750	5970		10000
90			5350	2532	2909	4325	4980	7823	8635
100			6439	2861	3450	5057	5512	9703	9827
110			7086	3749	4344	5980	6769	10591	10670
120			7913	4199	5074	6072	7783	11450	11539
130			8844	4907	6157	8266	9208	12933	13143
140			10601	5722	6612	9224	10267	13851	14071
150			11665	6610	7141	10259	11350	15121	14988
160			13137	10257	10426	12948	18715	18616	29985
170					20230		20576		33412
180			15378.25	12003	15272	18595	20576		33412
200			17514.12	16587	19581	21090	22275		36904
220						27125.7	24380		46384
240						30825.52	37238		50281
260							42554		63964
280							64901		77265
300							75750		90801
Qty per Box	200		100			50		25	10



- (1) Material : High Grade Alloy Steel
- (2) Threads : IS-4218
- (3) Specifications : IS-2269 DIN 912 ISO-4762
- (4) Mechanical properties : IS-1367 Property Class 12.9
- (5) Shaded sizes are fully threaded

LPS SOCKET HEAD CAP SCREWS




RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

**METRIC
SERIES**

EFFECTIVE FROM APRIL 1, 2018

Diameter Length (mm)	M18	M20	M22	M24	M27	M30	M33 #	M36 #	M42 #
	Wrench 14mm	Wrench 17mm	Wrench 17 mm	Wrench 19 mm	Wrench 19 mm	Wrench 22 mm	Wrench 24 mm	Wrench 27 mm	Wrench 32mm
25		15015							
30	17845	15015							
35	18072	15192							
40	15827	13301	24409						
45	15938	13067	21595	17267					
50	16025	13037	18711	16567		45500			
55	16126	13222	21056	18614					
60	16258	13222	21585	19135	44994	40115			
65	16384	13778	24050	20351				85797	
70	17502	14715	24485	21653	38029	40115		85797	
75	18641	15460	25956	22941	39774	40716	60287	85797	
80	19002	15460	27278	24129	41283	41194	64761	72520	131587
85		21299		31200					
90	19385	16336	28625	25371	45424	43430	70291	79166	121107
100	20342	17130	30183	26756	48454	48353	73440	81396	128455
110	22607	18960	32979	29087	51605	51378	77392	85829	135638
120	24768	20790	35642	31447	54641	54396	84489	89529	143500
130	27564	22598	46868	33802	58580	58172	88441	92502	150677
140	29770	24413	54755	36148	60858	60445	93970	102116	158605
150	31982	27482	73007	38615	64513	64226	98714	105810	166455
160	39343	35307	97538	62659	102149	97392	131397	143062	227544
170		40420		77000					
180	47581	40330	104340	67236	113098	107559	145644	159848	248239
200	51336	42063	111741	71982	123039	117008	158305	173236	268928
220		44124	121446	78004	154125	145992	196659	215216	336013
240		69146	138007	83128	171258	157001	212349	221141	360021
260		84783	151808	85728	186537	167959	222131	236828	384013
280		100426	165609	90970	199068	178968	234365	252569	408032
300		125510	182200	142366	210061	189976	252667	268316	432023
320		168650		171619	252906#	236712#		349180	551984
340		192743		181901	266918#	258757#		382032	581035
360				198766		690290#		692971	831203
380						749946#		781813	896512
400						815204#		888424	985570
Qty. per Box	10	5	10	5					

	(1) Material	: High Grade Alloy Steel
	(2) Threads	: IS-4218
	(3) Specifications	: IS-2269 DIN 912 ISO-4762
	(4) Mechanical properties	: IS-1367 Property Class 12.9
	(5) Shaded sizes are fully threaded	
	(6) # Hot forged items, Delivery period ex. Stock or minimum one month can be extended up to three months.	

LPS SOCKET HEAD CAP SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

**INCH
SERIES**
**BSF, UNC
&
UNF**

EFFECTIVE FROM APRIL 1, 2018



Diameter	1/4"		5/16"		3/8"		1/2"		5/8"	3/4"
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
Length	3/8"	3/16"	7/32"	7/32"	5/16"	5/16"	3/8"	3/8"	1/2"	9/16"
	UNC	UNF	UNF	BSF	UNF	BSF	UNC	UNF	UNF	UNC
1/2"			990	990		1580				
5/8"		764	987		1722	1722				
3/4"			834	834	1295	1295		3933		
7/8"										
1"				1012	1440			3438		
1.1/4"								3604		
1.1/2"							3676	3676		
1.3/4"				1776						
2"							4125			
2.1/4"	2949	2949								
2.1/2"			1860						8206	
2.3/4"								5315		
3"				2270			5875		9029	
3.1/4"										17412
3.1/2"			3771							
3.3/4"										
4"									12457	
4.1/2"	5550	5550								
5"										
5.1/2"										25421
Qty. per Box	200		100		50		25		10	

	(1) Material	: High Grade Alloy Steel RC-38-44
	(2) Threads	: BS-84 (BSF)
		: BS-1580 (UNC)
		: BS-1580 (UNF)
	(3) Specifications	: BS-2470
	(4) Mechanical Properties	: BS-2470




LPS SOCKET HEAD CAP SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

**INCH
SERIES
BSW**

EFFECTIVE FROM APRIL 1, 2018

Diameter \ Length	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	3/32"	5/32"	3/16"	7/32"	5/16"	5/16"	3/8"	1/2"	9/16"	9/16"	5/8"
3/8"	1131	535									
1/2"	1131	530	526	728	1162						
5/8"	1292	503	562	726	1266						
3/4"	1292	530	526	667	952		2892		17869		
7/8"	1375	663	622			3521					
1"	1375	595	589	744	1059	2875	2528	5520	14257		
1.1/4"		654	666	850	1163	2875	2650	4782	14257		
1.1/2"		748	743	948	1297	2927	2703	4945	12067	20256	20019
1.3/4"		1023	1018	1306	1745		2900	5310	12681	21404	
2"		1023	914	1135	1614	3139	3033	5508	12343	20400	20798
2.1/4"			2100	1564	2060	3711	3607		12610		24476
2.1/2"		3799	1914	1368	1945	3711	3658	6034	12610	21930	21781
2.3/4"					2524			7496			26841
3"			2186	1662	2241	4183	4320	6639	14351	27306	24033
3.1/4"									15687		
3.1/2"			2617	2773	3324	5624	5165	7735	14909	27306	26493
4"			2891	3291	3903	6515	5950	9160	15632	29082	29267
4.1/2"				5357	5788		7381	9757	19044	35912	34182
5"				6371	7159		8824	10757	20698	38549	35726
5.1/2"				9205	8823		9862	13392	22902	41342	39310
6"				11221	9050		10170	14439	25138	44048	40700
6.1/2"							20458	31672	34018	76475	71671
7"				18411	21942		21449	31672	34808	75767	74220
7.1/2"							22237	32888	36142	81151	76897
8"				23731	23945		23194	34932	36480	81151	79460
8.1/2"								49794	43879		
9"							38753	49794			93586
10"							38753	65997			
11"								94320			
Qty. per Box	200	100	50				25	10			5

	(1) Material	: High Grade Alloy Steel RC-38-44
	(2) Threads	: BS-84 (BSW)
	(3) Specifications	: BS-2470
	(4) Mechanical Properties	: BS-2470
	(5) Shaded sizes are fully threaded	

LPS SOCKET SET SCREWS

**RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OFGST**

**INCH
SERIES
BSW**
(Knurled Cup Point)

EFFECTIVE FROM APRIL 1, 2018



Diameter \ Length	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"
3/16"	226					
1/4"	226	237				
5/16"	227	251	251			
3/8"	246	262	261	309		
1/2"	256	268	272	416	704	
5/8"		347	357	506	852	1875
3/4"		529	445	607	998	1936
7/8"		555	593	770		
1"		524	623	742	1232	2231
1.1/4"		691	737	1067	1721	2898
1.1/2"		1029	1493	1892	3956	5402
1.3/4"						7332
2"						6665
2.1/2"						9708
Qty. per Box	200				100	100

	(1) Material	: High Grade Alloy Steel
	(2) Threads : British Standard Whitworth	: BS-84 (BSW)
	(3) Specification	: BS-2470
	(4) Mechanical Properties	: BS-2470



LPS SOCKET SET SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES

EXCLUSIVE OF GST

EFFECTIVE FROM APRIL 1, 2018

**METRIC
SERIES**

(Knurled
Cup Point)

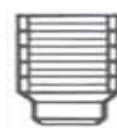
Diameter \ Length (mm)	M3	M4	M5	M6	M8	M10	M12	M16	M20	
	Wrench 1.5mm	Wrench 2mm	Wrench 2.5mm	Wrench 3mm	Wrench 4mm	Wrench 5mm	Wrench 6mm	Wrench 8mm	Wrench 10mm	
3	337									
4	341	297								
5	347	299	211	405						
6	333	303	213	215	410					
8	338	310	215	232	250	498				
10	357	327	232	253	260	367	847			
12	380	345	252	290	315	427	616			
16		467	306	371	383	567	732	1701		
20		568	372	401	496	694	926	1713	5777	
25		614	431	518	614	839	1271	2323	6445	
30			599	686	718	1209	1468	2757	7451	
35				1049	961	1403	1989	3444	8499	
40				1186	1138	1553	2207	3989	9499	
45					1278	1776	2458	4429	10547	
50					1428	2062	2680	5338	11541	
55						3410	4703	6746	13643	
60						3889	5387	7216	14499	
65								8565	16336	
70								10911	17245	
75								12202	18757	
80								13199		
Qty per Box	200					100				



FLAT
DIN 913
ISO-4026



CONE
DIN 914
ISO-4027



HALF-DOG
DIN 915
ISO-4028

	(1) Material	:	High Grade Alloy Steel
	(2) Threads	:	Metric IS-4218
	(3) Specifications	:	IS-6094
	(4) Mechanical properties	:	45 H as per IS:1367
	(5) Note: Prices for special points shown above will be 40% extra		




LPS SOCKET COUNTER SUNK SCREWS

**RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST**

**INCH
SERIES**
BSW, BSF,
UNC & UNF

EFFECTIVE FROM APRIL 1, 2018

Diameter Length	1/4"			5/16"				3/8"	1/2"	5/8"
	Wrench 5/32"			Wrench 3/16"				Wrench 7/32"	Wrench 5/16"	Wrench 3/8"
	BSW	UNC	UNF	BSW	BSF	UNC	UNF	BSW	BSW	BSW
1/2"	765			1288				2335		
5/8"	837			1288		2322	2322			
3/4"	899		1954	1070	2322	2322		1791	5406	
1"	1049	2250		1233	2569			2075	5330	
1.1/4"	1218			1423			2997	2388	5907	9572
1.1/2"				2193			3321	3221	6614	10712
2"								3794	7413	11864
2.1/2"								4565	8492	13350
3"								5552	9514	15431
Qty. per Box	200							100	50	25

	(1) Material	:	High Grade Alloy Steel RC-38-44
	(2) Threads	:	BS-84 for BSW/BSF & BS-1580 for UNC/UNF
	(3) Specifications	:	UNC & UNF Series generally confirm BS:2470
	(4) BSW & BSF Series	:	As per LPS Standard
	(5) Mechanical Properties	:	BS-2470 HRC : 38 - 44




LPS SOCKET COUNTER SUNK SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

**METRIC
SERIES**

EFFECTIVE FROM APRIL 1, 2018

Diameter \ Length (mm)	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	2 mm	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm	14mm
6	921	890								
8	936	534	790	1110						
10	1005	534	526	616	1394					
12	1079	542	566	600	804					
16	1247	609	608	674	781	1361	4425			
20	1436	656	648	720	838	1169	2920			
25	1607	770	761	820	960	1351	2378	6342		
30		969	975	955	1102	1554	2724	5325		
35		2008	1296	1092	1252	1776	2972	5739		
40		2152	2019	1263	1464	2037	3268	6085	18973	
45		2788	2592	2300	1710	2355	3634	6940	18973	
50		3270	3116	2852	2588	2659	3960	6940	17611	
55				4335	3157	3127	4738	7952	18406	
60				4675	4189	3425	5105	8356	18406	25569
65							6554	9186	18920	
70							6717	9645	19208	29241
75							7228	11129	20000	31063
80							7785	11682	21045	32914
90							10711	12808	21838	36552
100							12410	15972	25747	41565
110								17986	28787	46577
120								21493	31534	51590
130								24886	34089	56603
140								26017	44241	62820
150								28998	48519	67531
160									53241	72868
180									57678	78388
200									63224	85012
Qty per Box	200					100	50	25	10	

	(1) Material	: High Grade Alloy Steel
	(2) Threads	: IS-4218
	(3) Specifications	: DIN-7991, IS 6761
	(4) Mechanical properties	: IS - 1367, Property Class 12.9
	(5) Shaded sizes are fully threaded	

LPS SOCKET BUTTON HEAD SCREWS

RECOMMENDED CONSUMER NET PRICES IN RUPEES PER 100 PIECES

EXCLUSIVE OF GST

EFFECTIVE FROM APRIL 1, 2018



**METRIC
SERIES**

Diameter \ Length (mm)	M3	M4	M5	M6	M8	M10
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	2 mm	2.5mm	3mm	4mm	5mm	6mm
5		895				
6	934	770	1004	1160		
8	1106	609	995	1125		
10	1191	609	619	690	1200	
12	1273	644	638	703	980	
14		975				
16	1456	703	690	803	1004	2006
18			999	1017		
20	1684	785	804	866	1030	1368
22				1140		
25	1850	991	953	933	1207	1571
30		1408	1079	1072	1382	1761
35			1564	1387	1680	1997
40			1575	1585	1882	2287
45			1972	2319	2637	3214
50			2435	2667	2877	3621
Qty per Box	200				100	



- | | | |
|---|---|---|
| (1) Material | : | High Grade Alloy Steel |
| (2) Threads | : | ISO Metric as per IS:4218 |
| (3) Specifications | : | Generally conforming to ISO:7380 |
| (4) Mechanical Properties | : | IS-1367, Property Class 12.9 |
| (5) All sizes are fully threaded | | |



LPS HEXAGON WRENCHES

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

INCH
&
METRIC
SERIES


EFFECTIVE FROM APRIL 1, 2018

DIMENSIONS ACROSS FLATS (inch)	NET PRICE PER 100 PCS.	QTY. PER BOX
1/16"	1145	100
5/64"	1239	100
3/32"	1239	100
1/8"	1239	100
5/32"	1477	100
3/16"	1895	100
7/32"	2584	50
1/4"	3740	50
5/16"	6196	25
3/8"	9190	25
1/2"	21098	10
9/16"	27183	10
5/8"	39645	10
3/4"	64127	5

DIMENSIONS ACROSS FLATS (mm)	NET PRICE PER 100 PCS.	QTY. PER BOX
1.5	1120	100
2	1120	100
2.5	1120	100
3	1225	100
4	1922	100
5	2348	100
6	3342	75
8	6293	25
10	10588	25
12	19862	10
14	29174	10
17	46234	10
19	63759	10
22	101408	5
24	136359	5
27	229500	2
32	403920	2

LPS HEXAGON WRENCH SETS

TYPE	SIZES ACROSS FLATS OF WRENCHES	PRICE/SET
Standard (Metric)	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	355.00
Standard (inch)	1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"	372.00

	(1) Material	:	High Grade Alloy Steel
	(2) Specifications	:	Inch Series : BS:2470 Metric Series : IS:3082, DIN:911
	(3) Mechanical Properties	:	Hardness - HRC 47 Min.

L P S HEXAGONAL HEAD BOLTS/SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES

EXCLUSIVE OF GST

EFFECTIVE FROM APRIL 1, 2018

**METRIC
SERIES**

**GRADE
8.8/10.9**



Diameter \ Length mm	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
	Wrench 5.5 mm	Wrench 7 mm	Wrench 8 mm	Wrench 10 mm	Wrench 13 mm	Wrench 16 mm	Wrench 18 mm	Wrench 21 mm	Wrench 24 mm	Wrench 27 mm	Wrench 30 mm	Wrench 34 mm	Wrench 36 mm
6				555									
8		490	535	555									
10	369	295	308	373	650	1550							
12	369	307	314	394	572	1520							
14			415	426									
16	369	460	460	407	578	988	2395						
18			481	417	525	1105							
20	392	454	435	407	527	934	1519	3650	3922				
22			481	425	606	1120							
25		484	453	421	578	1002	1646	2708	3458				
30		497	492*	446	653	1084	1640	2830	3779	9405	10375		
35		515	517*	476	764*	1144	1749	2952	3764		8638		
40		535	583*	503	816*	1380*	1972	3125	3785	7492	7571		17312
45		551	677*	538	886*	1594*	2193*	3416	4006	7565	7890		17312
50		576	809*	577	960*	1640*	2350*	3780	4299	7541	7925	11793	14046
55				641	1061*	1739*	2539*	3877	4802*	8072	8960	13014	14096
60				693	1195*	1903*	2649*	4060	5044*	8310	9075	13056	14682
65				750	1238*	2001*	2793*	4287	5218*	8884	9514*	14700	15281
70				808	1324*	2105*	3119*	4547	5528*	9513	9555*	14390	16120*
75				943	1377*	2265*	3237*	4773	5922*	10071	10402*	14895	16717*
80				1056	1433*	2586*	3455*	5051	6796*	10280	10722*	15505	18232*
85				1153	1765	3190	4335		7375		13650		
90				1128	1822	2867*	3706*	5538	7321*	10932	11428*	16549	19497*
95					2275	3680	4875						
100				1700	2192	3270	4312*	6351	7567*	11904	12113*	17670	21096*
110					3071	3787	4708*	7301	8428*	13255	13683*	19796	22092*
120					3395	4136	5027*	7913	9597*	13997	14594*	21162	23225*
125						4900	5950						
130					3715	4625	5317	8502	11159	14649	15853*	22947	24524
140					4113	5130	6220	11621	11427	15443	16916*	24114	26242
150					5233	6419	8288	13137	12920	16528	16950*	24832	26986
160					6083	7075	8689	14684	14006	18214	19735	29247	32591
170							10995		18200		26700		35972
180					7505	8808	9446		15805	19689	23061	31181	34842
200					8187	11882	12482		17116	21691	24888	33720	37631
220						17067	17967		22011	23835	34155	56790	53593
240						19911	18407		23691	26222	35868	56790	55514
260							18800		24189	28847	37582	56790	57433
280							20537		26692	31736	41002	57300	63166
300							24051		34325	34918	44404	61400	92287
320											60474		140830#
340											70172		170703#
360											84206		229772#
380													272854#
400													323117#
Qty./Box	200			100	50	25	10			5			



- (1) Specification : IS-1364, ISO:4014/4017/4032 EN 24014, 24017/24032
- (2) Threads : IS-4218
- (3) Supply Condition : IS-1367
- (4) Extra Charges for zinc passivated finish
- (5) Shaded sizes are fully threaded
- (6) * These sizes are available fully threaded also .
- (7) # Hot forged items, Delivery period ex. Stock or minimum one month can be extended upto three months



L P S HEXAGONAL HEAD BOLTS/SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES

EXCLUSIVE OF GST

**METRIC
SERIES
Grade 10.9**

EFFECTIVE FROM APRIL 1, 2018

Diameter Length mm	M27	M30	M33#	M36#	M42#
	Wrench 41 mm	Wrench 46 mm	Wrench 50 mm	Wrench 55 mm	Wrench 65 mm
50		41759			
60	29405	37957			
70	29405	38051			
75	31607	38051	55036	74515	
80	32503	38434	58189	68325	
90	35379	41719*	61727	70935	109856
100	38279	44896*	65157	71968	116174
110	41276	49384	70067	76862	122516
120	42323	50477	71769	78352	123467
130	43719	52749	75638	82455	128677
140	46480	56020	81433	87688	135837
150	49254	59800	85073	91833	142985
160	55367	67257	90115	101383	150133
180	61258	73370	98677	117569	163780
200	66721	80799	107341	127436	171180
220	95921	102376	132853	159288	224731
240	103424	109583	142660	170764	241404
260	110217	116802	153346	182217	258149
280	116980	126907	163990	198210	274851
300	122504	134253	174640	237949	291524
320		173719		347437	382181
340		194565		403027	430822
360		229309		444720	482938
380		271001		486412	535054
400		319642		535054	590644
Qty./Box	5				



L P S HEX NUTS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES

EXCLUSIVE OF GST

**METRIC
SERIES**

EFFECTIVE FROM APRIL 1, 2018

SIZE MM	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
M4x0.70	8	99	1000
M5x0.80	8	112	1000
M6x1	8	146	1000
M8x1.25	8	198	500
M10x1/1.25/1.5	8	381	200
M12x1.25/1.5/1.75	8	622	200
M10x1/1.5	10	630	200
M12x1.5/1.75	10	1014	200
M14x1.5/2	10	1260	100
M16x1.5/2	10	1776	200

SIZE	MM	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
M18x2.5		10	2768	125
M20x2.5		10	3575	100
M22x2.5		10	4326	80
M24x3		10	5605	50
M27x3		10	10020	30
M30x3.5		10	13551	25
M33x3.5		10	19055	15
M36x4		10	25382	12
M42x4.5		10	40996	10

	(1) Specification	:	Hex Bolt : IS-1364, ISO:4014/4017 Hex Nut : IS-1364, ISO-4032
	(2) Threads	:	IS-4218
	(3) Supply Condition	:	IS-1367
	(4) Extra Charges for zinc passivated finish	:	
	(5) Shaded sizes are fully threaded	:	
	(6) # Hot forged items, Delivery period ex. Stock or minimum one month can be extended up to three months	:	



L P S HEXAGONAL HEAD BOLTS/SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES

EXCLUSIVE OF GST

EFFECTIVE FROM APRIL 1, 2018

INCH SERIES

UNC/UNF

GR. S
GR.5/GR.8

Diameter	1/4"		5/16"		3/8"		7/16"		1/2"		5/8"		3/4"		7/8"		1"	
	Wrench 7/16"		Wrench 1/2"		Wrench 9/16"		Wrench 5/8"		Wrench 3/4"		Wrench 15/16"		Wrench 1.1/8"		Wrench 1.5/16"		Wrench 1.1/2"	
Length	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
3/8"																		
1/2"	457	484	609.9	646.6														
5/8"	568	602	609.9	646.6	1087													
3/4"	516	547	564	598	872	924	1307		2062									
7/8"		540	637		1044		1462											
1"	509	540	616	653	854	905	1462	1565	2020	2141	3845							
1.1/4"	520		681		954	1011	1482	1586	2184	2315	4095							
1.1/2"	575		826		1081	1146	1601	1713	2327	2467	4012	4293	7718	8259	16353	17519		
1.3/4"	780	827	959		1375		2031		2512		4513		8265		16898	17686		
2"	780	827	992		1388	1471	2031	2173	2738	2902	4510	4826	8140	8709	17710	17724		
2.1/4"		1229	1159	1229	1610			2731	3106		5185		9442			18685		
2.1/2"			1199	1271	1665		2552		3224	3417	5369	5745	9079	9715	17722	18607		
2.3/4"			1431		1900				3716		6209		10784		16874	21322		
3"			1444	1531	1965		2891	3093	3905	4139	6251	6689	10391	11118	16884	21025		
3.1/4"									4280	4537	7154		11781			24792		
3.1/2"			1650	1749	2386	2529	3216	3441	4337	4597	7060		11456		19492	23890		
3.3/4"					3033				4828				13718					
4"			2442		3144		4231		4763		8019		12794		20918	26207		
4.1/4"					3358				5285						23446			
4.1/2"					3768		4801		5679		9067		14655		24005	30103		
5"					4197				6040		9794		15688		25829	31968		
5.1/2"									8681		12034		17783		27212	36977		
6"									10414		12313		18395		28882	36977		
6.1/2"									12141		16682		21713		34667	44556		
7"									13419		16457		20983		33116	43544		
7.1/2"											17580		23300			48609		
8"									15340		17171		23300		35869	48609		
9"											28589		28523					
10											30495		30425					
11											32925		32326					
12											38735		38031					
Qty. / Box	200		100		50		25				10				5			

	(1) Specifications	:	UNC & UNF
	(2) Threads	:	BS:1768, ANSI B-18,2.1
	(3) Supply Condition	:	BS:1580, B1.1
	(4) Extra charges for zinc passivated finish	:	as per BS:1768 & SAE : J-429
	(5) Shaded sizes are fully threaded		



L P S HEXAGONAL HEAD BOLTS/SCREWS
RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

INCH SERIES
BSF/BSW
GR.R

EFFECTIVE FROM APRIL 1, 2018

Diameter \ Length	1/4"	5/16"		3/8"		7/16"	1/2"		5/8"
	BSF	BSF	BSW	BSF	BSW	BSF	BSF	BSW	BSF
1/2"	484	647							
5/8"		647							
3/4"	547	598		924	924				
7/8"									
1"	540	653		905	905		2141	2141	
1.1/4"	551	722		1011		1586	2315	2315	
1.1/2"		876	876	1146	1146	1713	2467	2467	4293
1.3/4"							2663		
2"		1052		1471		2173	2902	2902	4826
2.1/4"							3292		
2.1/2"		1271		1765		2731	3417		5745
2.3/4"							3939		
3"		1531		2083		3093	4139		6689
3.1/4"				2499					7655
3.1/2"				2529		3441	4597	4597	7554
4"							5049		8580
Qty./Box	200	100		50		25		10	

(1) Specification	:	INCH (BSF/BSW)
(2) Threads	:	BS : 1083
(3) Supply Condition	:	BS : 84
(4) Extra charges for zinc passivated finish	:	as per BS : 1083
(5) Shaded sizes are fully threaded		



RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF GST

INCH SERIES

EFFECTIVE FROM APRIL 1, 2018

SIZE	Inch	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
5/16" UNC BSF/UNF		S	233	500
3/8" UNC BSF/UNF		S	338	200
7/16" UNC BSF/UNF		S	702	200
1/2" UNC/UNF		S	783	200
1/2" BSF		R	860	200

SIZE	Inch	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
5/8" UNC		8	1776	200
5/8 UNF/BSF		8	1944	200
3/4" UNC		8	3332	125
7/8" UNC		8	5636	60
1" UNC		8	6844	50

	UNC & UNF	BSF
(1) Specification	: BS:1768, ANSI:B-18, 2.2	BS:1083
(2) Threads Fit	: BS:1580, B1.1	BS:84
(3) Supply Condition	: BS:1768, B-18.2. & SAE: J-429	BS:1083



COMPARISON OF DIFFERENT STRENGTH GRADES

SAE	B.S.	I.S. I.S.O. DIN	ULTIMATE TENSILE STRENGTH RANGE			HARDNESS		
			(Kgf/mm ²)	Newtons/mm ²	Pounds/inch ² (P.S.I.)	BHN	HRB	HRC
		4.6	40.8/81.5	400/800	58000/116400	114 238	67 99.5	
GRADE 1			42.2/81.5	414/800	59000/116400	(121) (241)	70 100	
		4.8	42.8/81.5	420/800	59000/116400	124 238	71 99	
		5.6	51/81.5	500/800	72000/116400	147 238	79 99	
GRADE 2			51.3/81.5	502/800	72000/116400	(150) (241)	80 100	
		5.8	53/81.5	520/800	75000/116400	152 238	82 99.5	
	P		55/81.5	579/800	75000/116400	152 240	82 99.5	
		6.8	61/81.5	600/800	87000/116400	181 238	89 99.5	
	R		71/98	696/965	101500/140000	201 285	93	30
	S		79/108	770/1060	112100/154200	223 310		(20/33)
		8.8	81.6/106 84.6/111	800/1040 upto M16 830/1090 above M16	116500/150000 120800/158600	238/304 242/318		22/32 23/34
GRADE 5			87/111	852/1090	124000/158500	253 318		25/34
	T		86/115	840/1127	123000/164000	247/335	--	24/36
	U		93/115	916/1127	132000/164000	271/335		28/36
	V		101/128	995/1255	144000/182000	295/370		31/40
GRADE 8			108/124	1060/1220	154000/177000	312 362		(33/39)
		10.9	106/124	1040/1220	156000/177000	304 362		(32/39)
	W		108/132	1060/1293	154000/190000	312 381		(33/41)
	X		118/146	1156/1430	169000/210000	341 410		(37/44)
		12.9	124/146	1220/1430	177000/210000	362 410		(39/44)
	Y		124/151	1220/1484	177000/216000	362 432		(39/46)
	Z		148/166	1455/1630	210000/237100	425/475		(45/49)

1Kgf = 9.81 Newtons

1kgf/mm² = 1421.7 Psi

General Conditions for Sale

All Quotations, Orders of Contracts are subject to the following conditions of Sale. Any qualification of these conditions made by the Purchaser, will not apply unless expressly accepted in writing by Lakshmi Precision Screws Limited (hereinafter called the Company)

1. This price list is effective from 01.04.2018 and it supersedes all previous price lists for the items covered hereunder.
2. PRICES:- The prices to be charged at the time of dispatch shall be determined by deducting the discount from the above LP. The percentage of discount from LP shall be communicated separately from time to time. The prices determined as above shall be F.O.R. Rohtak/Destination basis. Sales tax, Excise duty and other taxes shall be charged extra as applicable at the time of dispatch. Any increase in the duties, levies or taxes levied by the Government shall be to the Purchaser's account. The Company reserves the right to amend the price without prior notice.
3. LOSS OR DAMAGES:- The Company's responsibility ceases on handing over goods to the carriers. The Company accepts no responsibility for loss or damages to goods in transit.
4. PACKING: - Prices quoted are for packing in cartons.
5. PAYMENT: - Documents shall be negotiated through Bank to be honoured on presentation irrespective of whether the goods reach the destination or not. For the period of delay beyond the due date, panel interest @ 18% per annum or at such rates charged by our Bankers will be payable.
6. DELIVERY: - All Ex-stock offers are subject to goods remaining unsold at the time of receipt of the Order. For forward delivery dates are given without any guarantee and no responsibility can be accepted by the Company for delay in delivery or failure to deliver due to circumstances beyond the Company's control. Delivery/despatch may be made in one lot or several lots.
7. FORCE MAJEURE: - The Company shall not be responsible for failure or delay in delivery of goods or any part thereof (or any consequential damages) due to acts of God, enemies to the Government of India, wars, revolution, embargo, riots, civil or political disturbances, strikes, lockouts, stoppages of labour, shortage of raw material and/or labour, shortage of motive-power, non-availability of shipping spaces or import or export licences, break-down of machinery, restraints imposed on the Company by the Government, municipality or any other cause beyond the Company's control, such failure/delay shall not entitle the Purchaser's to cancel the contract nor is the Company liable to make good any damage arising from such failure to deliver or delay in delivery.
8. INFRINGEMENT OF PATENT & TRADE MARK: - When products are forged to customer's drawings/specifications, the responsibility to ensure that these do not result in infringement of any patent or trade mark will lie entirely with the customer concerned who shall be responsible for consequences if any in case of any such infringement.
9. CONFIRMATION: - The Company accepts no responsibility for orders booked by Company sales men or agents till it is confirmed in writing by the Company.
10. ACCEPTANCE & RETURN: - Wrong despatches should be notified/reported to the Company within 15 days from the date of receipt of the goods along with copy of packing slip and the Company's consent should be obtained in writing before return of such goods.
11. ROAD PERMITS: - Applicable as per Government Rules.
12. CANCELLATION OF ORDERS: - The Company reserves the right to refuse the cancellation of the order once it has been accepted. Failure on the part of purchaser to accept the delivery and make payments will be considered a breach of contract and the Company shall be entitled to cancel the contract and forfeit the deposit paid by the purchaser, if any.
13. GUARANTEE: - We undertake free replacement of goods against manufacturing defects only. The Company shall not be responsible for any contingent or resulting liabilities or loss arising though any defect in goods supplied.
14. Supplies shall be in natural finish unless otherwise specified. For supply in zinc plating etc. the rate shall be extra.
15. The dealer will not deal in fasteners of sub-standard quality bearing deceptively similar monograms as employed on our products. Such an act will deprive the dealer for dealing in our products.
16. Any disputes or claims arising on or out of, or in connection with quotations, orders or contracts for the supply of goods by the Company shall be referred to the sole Arbitrator appointed by the Managing Director of the Company and the award made by such our Arbitrator shall be final and binding on both the parties.



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