

LPS High Tensile Fasteners

STANDARD INDUSTRIAL PRODUCTS
(NON-AUTO)

SOCKET & HEXAGON PRODUCTS

Price List No. LPS/66

Effective from August 1, 2012



LAKSHMI PRECISION SCREWS LTD.
ROHTAK - 124001

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		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 EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**METRIC
SERIES**

Diameter Length (mm)	M3	M4	M5	M6	M8	M10	M12	M14	M16
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	2.5 mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm	14mm
4	1005								
5	883	980							
6	760	781	1075	1069					
8	548	558	598	710	1100				
10	459	442	402	470	912	1536			
12	459	400	402	470	687	1096	3200		
14		621	581	658		1299			
16	482	418	367	447	601	1020	2957		
18		696	607	691	782	1361			
20	482	449	397	468	597	1042	2589	6661	5631
22		701	673	730	865	1351			
25	505	463	417	526	664	1012	2255	5900	5631
30	652	557	482	595	733	1115	2151	5900	5631
35	819	612	527	654	796	1204	2179	4957	4730
40	995	676	592	709	863	1468	2204	5071	4607
45		791	658	773	1007	1596	2470	5164	4935
50		980	698	814	1060	1693	2294	5278	4789
55		1582	1220	915	1179	1830	2675	5347	5370
60		3316	1525	1685	1258	1976	2829	5668	5145
65		4001	3041	1755	1375	2147	2975	5754	5768
70			3695	1926	1467	2302	3128	6203	6206
75			4112	2004	1556	2456	3269	6560	6563
80			4699	2168	2247	3400	3922	6871	6869
85			6635	2808	3259	4156	5211		8694
90			5163	2324	2613	3886	4438	7027	7665
100			5897	2626	3100	4552	4914	8717	8724
110			6489	3441	3883	5392	6052	9470	9473
120			7247	3854	4536	5466	6958	10238	10244
130			8100	4504	5504	7442	8232	11564	11723
140			9663	5259	5911	8304	9179	12384	12551
150			10633	6095	6384	9236	10147	13520	13368
160			11945	9183	9277	11547	16731	16645	26621
170							18394		29663
180			13983	10668	13589	16584	18394		29648
200			15925	14724	17423	18808	19914		32763
220						23526	21491		40983
240						26734	32826		44427
260							37512		56516
280							57211		68268
300							66741		80228
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 EXCISE DUTY AND OTHER TAXES

**METRIC
SERIES**

EFFECTIVE FROM AUGUST 1, 2012

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		13424							
30	15841	13408							
35	16042	13583							
40	14049	11892	21616						
45	14148	11974	19124	15400					
50	14258	11474	16569	14752		39500			
55	14349	12145	18646	16602					
60	14466	11629	19159	17066	39937	35781			
65	14579	12348	21348	18194					
70	15573	13187	21734	19358	33756	35781		75971	
75	16586	14046	23039	20509	35471	36317	53512	75971	
80	16907	13614	24212	21571	36817	36917	57484	64990	116526
85		19042							
90	17249	14605	25408	22628	40510	38893	62392	70946	107498
100	18100	15315	26791	23863	43212	43333	65188	72944	114558
110	20020	16951	29136	25942	46022	46043	68696	76917	120964
120	21934	18587	31489	28047	48730	48748	74994	80232	127975
130	24409	20204	41407	30148	52242	52132	78502	82897	134376
140	26363	21827	48375	32240	54274	54168	83410	91512	141446
150	28322	24570	64500	34440	57533	57557	87621	94823	148447
160	34759	31493	85772	55753	90670	86869	116358	127605	201974
170		36046		68111					
180	42037	35973	91753	59825	100389	95938	128975	142578	220343
200	45354	37518	98262	64049	109213	104366	140187	154519	238707
220		39169		69076	136155	129598	173730	191047	296835
240		61381		73614	151290	139370	187152	196308	318044
260		75262		75916	164788	149098	195773	210232	339238
280		89148		80559	175858	158870	206555	224206	360457
300		111416		126072	185568	168642	222685	238185	381651
320		147619		150218	220832	207194		304896	480816
340		168707		159218	233067	226490		333582	506122
360				173979		604209		605087	724036
380						656426		682662	780924
400						713546		775753	858500
Qty. per Box	10	5	10	5					



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|--|-------------------------------|
| (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 EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
SERIES
BSF, UNC
&
UNF**

Diameter \ Length	1/4"		5/16"		3/8"			7/16"	1/2"		5/8"		3/4"
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	3/16"	3/16"	7/32"	7/32"	5/16"	5/16"	5/16"	5/16"	3/8"	3/8"	1/2"	1/2"	9/16"
	UNC	UNF	UNF	BSF	UNC	UNF	BSF	UNC	UNC	UNF	UNC	UNF	UNC
1/2"	635		879	879	1403		1403						
5/8"		678	876			1528	1528						
3/4"	635			739	1141	1141	1141			3491			
7/8"	751												
1"	710		898	898	1267	1267	1267	3413	3051	3051			
1.1/4"	804		1026	1026	1389	1389	1389		3199	3199			
1.1/2"	897		1141	1141	1548	1548	1548		3254	3254	5939		14529
1.3/4"			1576	1576					3481	3481			
2"			1361	1361	1923	1923	1923		3636	3636	6609	6609	14862
2.1/4"		2470						4468		4333			
2.1/2"			1635	1635	2315	2315	2315		4371	4371	7191	7191	15183
2.3/4"			1991							4524			
3"			1991	1991	2662		2662		5165	5165	7882	7882	17280
3.1/4"													18888
3.1/2"			3330						6175	6175	9200		17951
3.3/4"										9562			
4"									7143	7143	10926	10926	18822
4.1/2"									8845				
5"									10574			12786	
5.1/2"													
6"													
Qty. per Box	200		100		50			25		10			



- (1) Material : High Grade Alloy Steel RC-38-44
 (2) Threads : British Standard Fine : BS-84 (BSF)
 : Unified National Coarse : BS-1580 (UNC)
 : Unified National Fine : 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 EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
SERIES
BSW**

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"	1002	478									
1/2"	1002	474	471	651	1039						
5/8"	1144	450	503	649	1132						
3/4"	1144	474	471	596	846		2586		15900		
7/8"	1218	592	556			3097					
1"	1218	531	526	665	938	2528	2260	4912	12685		
1.1/4"		585	596	760	1029	2528	2369	4255	12685		
1.1/2"		669	665	845	1146	2574	2410	4400	10762	17896	17686
1.3/4"		914	910	1167	1553		2578	4725	11310	18910	18375
2"		914	817	1008	1424	2761	2694	4896	11009	18023	18375
2.1/4"			1830	1399	1833		3210				21624
2.1/2"		3396	1703	1211	1715	3264	3238	5327	11246	19375	19243
2.3/4"					2246			6669			23713
3"			1945	1475	1972	3678	3826	5838	12800	21872	21233
3.1/4"			2573						13991		
3.1/2"			2323	2467	2958	4946	4574	6815	13297	24124	23406
4"			2566	2928	3472	5729	5291	8093	13942	25456	25857
4.1/2"				4755	5138		6552	8587	16944	31434	30126
5"				5655	6354		7833	9471	18415	33741	31487
5.1/2"				8057	7832		8754	11887	20376	36099	34645
6"				9822	8033		9027	12816	22366	38462	35870
6.1/2"							18074	27982	30195	66777	62582
7"				16115	19205		18950	27982	30897	66777	64807
7.1/2"							19646	29056	31931	71522	67145
8"				20772	20959		20492	30862	32229	71522	69383
8.1/2"								43992	38407		78709
9"							33921	43992	38407		81718
10"							33921	58307			
11"								82558			
Qty. per Box	200	100	50				25	10			5



- | | |
|-------------------------------------|--|
| (1) Material | : High Grade Alloy Steel RC-38-44 |
| (2) Threads | : British Standard Whitworth 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 OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
SERIES
BSW**

Diameter \ Length	3/16"	1/4"	5/16"	3/8"	1/2"
	Wrench	Wrench	Wrench	Wrench	Wrench
Length	3/32"	1/8"	5/32"	3/16"	1/4"
3/16"	208				
1/4"	208	211			
5/16"	209	228	229		
3/8"	226	232	233	272	
1/2"	235	237	242	361	625
5/8"		306	328	447	763
3/4"	338	391	379	509	859
7/8"		455	512	651	
1"	464	454	506	622	1047
1.1/4"		617	664	934	1509
1.1/2"		899	1251	1421	2386
Qty. per Box	200				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 EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**METRIC
SERIES**

Diameter Length (mm)	M3	M4	M5	M6	M8	M10	M12
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	1.5mm	2mm	2.5mm	3mm	4mm	5mm	6mm
3	301						
4	288	276					
5	290	277	196	365			
6	294	281	198	199	367		
8	300	287	199	215	224	441	
10	317	303	215	229	229	293	743
12	334	320	234	239	272	330	537
16	426	425	284	298	308	435	637
20		514	337	337	383	501	760
25		555	390	459	446	614	998
30			542	626	639	916	1151
35				917	849	1149	1507
40				1044	1018	1342	1791
45					1137	1533	2054
50					1271	1699	2202
55						2296	
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 35% extra



LPS SOCKET COUNTER SUNK SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
SERIES**

**BSW, BSF
UNC & UNF**

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	UNC	BSW	BSW
1/2"	670			1127		1866		2043			
5/8"	732			1127		2002	2002				
3/4"	787	1685	1685	937	2002	2002		1567		4663	
1"	918	1942		1079	2216			1815	3283	4598	
1.1/4"	1066			1245			2585	2089	3447	5095	8257
1.1/2"				1919			2860	2819		5705	9240
2"								3288		6395	10234
2.1/2"								3957		7326	11516
3"								4812		8207	13311
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 EXCISE DUTY AND OTHER TAXES

**METRIC
SERIES**

EFFECTIVE FROM AUGUST 1, 2012

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	862	829								
8	821	472	717	1029						
10	881	472	488	541	1281					
12	946	500	503	535	739					
16	1093	540	542	584	714	1262	4000			
20	1258	611	601	630	763	1084	2708			
25	1475	711	705	733	881	1253	2166	5745		
30		899	904	877	1012	1441	2480	4635		
35		1862	1202	1003	1149	1647	2730	5012		
40		1995	1872	1143	1302	1888	3031	5372	18474	
45		2586	2404	2133	1586	2184	3336	6188	18474	
50		3033	2889	2644	2345	2466	3635	6060	17147	
55				4020	2928	2820	4393	6951	17921	
60				4277	3884	3133	4734	7305	17921	22908
65							6078	8191	18422	
70							6229	8600	18703	26198
75							6703	9634	19474	27830
80							7219	10112	20492	29488
90							9656	11087	21263	32747
100							11188	13827	24340	37238
110								15816	26951	41729
120								18900	29523	46220
130								21884	31915	50711
140								22879	38710	54711
150									42453	58814
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 EXCISE DUTY AND OTHER TAXES

**METRIC
SERIES**

EFFECTIVE FROM AUGUST 1, 2012

Diameter Length (mm)	M3	M4	M5	M6	M8	M10
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	2 mm	2.5mm	3mm	4mm	5mm	6mm
5		829				
6	900	742	971			
8	1066	587	923	1025		
10	1148	587	594	659	1112	
12	1227	621	611	659	909	
16	1404	673	662	745	931	1727
20	1562	728	745	803	955	1269
25	1714	919	883	899	1120	1456
30		1281	1037	1034	1282	1633
35			1422	1262	1488	1852
40			1432	1442	1700	2121
45			1776	2109	2353	2867
50			2193	2425	2566	3231
55						
60						
65						
70						
Qty per Box	200				100	



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



LPS HEXAGON WRENCHES

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
&
METRIC
SERIES**

DIMENSIONS ACROSS FLATS (inch)	NET PRICE PER 100 PCS.	QTY. PER BOX
1/16"	1030	100
5/64"	1115	100
3/32"	1115	100
1/8"	1115	100
5/32"	1329	100
3/16"	1705	100
7/32"	2325	50
1/4"	3365	50
5/16"	5575	25
3/8"	8269	25
1/2"	18984	10
9/16"	24459	10
5/8"	35671	10
3/4"	57701	5

DIMENSIONS ACROSS FLATS (mm)	NET PRICE PER 100 PCS.	QTY. PER BOX
1.5	1008	100
2	1008	100
2.5	1008	100
3	1103	100
4	1729	100
5	2112	100
6	3007	75
8	5662	25
10	9527	25
12	17872	10
14	26250	10
17	41600	10
19	57370	10
22	91245	5
24	122693	5
27	206500	2
32	363440	2

LPS HEXAGON WRENCHES

TYPE	SIZES ACROSS FLATS OF WRENCHES	PRICE/SET
Standard (Metric)	1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm	315.00
Standard (inch)	1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"	332.00



- | | | |
|---------------------------|---|---|
| (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. |



LPS HEXAGONAL HEAD BOLTS / SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER 100 PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**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
8		437	490	487									
10	347	268	289	324	557	1331							
12	347	279	296	342	507	1305							
14			382	372									
16	347	413	417	350	502	858	2049						
18			453	366	452	955							
20	368	432	411	352	450	802	1321	3060	3453				
22			453	372	522	968							
25		460	426	366	493	857	1428	2378	3000				
30		467	461*	391	558	925	1411	2476	3279	8124	8704		
35		484	478*	417	650*	973	1501	2576	3264		7589		
40		503	539*	437	696*	1181*	1698	2723	3232	6684	6564		15000
45		518	627*	467	755*	1370*	1887*	2975	3428	6749	6878		15000
50		542	753*	500	818*	1404*	2020*	3298	3681	6728	6789	10511	12283
55				567	905*	1486*	2183*	3370	4121*	7201	7762	11638	12262
60				602	1023*	1628*	2272*	3523	4320*	7414	7815	11554	12787
65				652	1057*	1710*	2392*	3717	4460*	7926	8359*	13161	13301
70				704	1131*	1798*	2683*	3941	4725*	8487	8057*	12809	14024*
75				825	1175*	1936*	2779*	4135	5068*	8985	8950*	13244	14528*
80				926	1221*	2225*	2969*	4377	5858*	9171	9211*	13780	15891*
85				1009	1515	2726*	3716*		6320*		11807*		
90				1009	1570	2467*	3176*	4795	6287*	9743	9794*	14684	16966*
95					1958	3175*	4176*						
100				1579	1901	2822*	3714*	5519	6480*	10609	10357*	15660	18354*
110					2674	3282	4056*	6372	7234*	11825	11744*	17596	19178*
120					2956	3585	4326*	6908	8274*	12481	12518*	18807	20128*
125						4243	5124*						
130					3235	4025	4572	7422	9687*	13047	13621*	20425	21245*
140					3760	4467	5387	10168	9888*	13743	14536*	21445	22745*
150					4784	5868	7251	11495	11230	14716	14373	22037	23332
160					5561	6468	7602	12849	12195	16170	17013	26093	28470
170							9596		15786		23025		31527
180					6535	8053	8264		13763	17460	19962	27817	30360
200					7129	10863	10921		14899	19237	21513	30054	32752
220						14258	15719		19257	21160	29882	52632	47113#
240						16634	16104		20727	23280	31381		48802#
260							16448		21162	25610	32880		50489#
280							17967		23353	28175	35872		55528#
300							21042		30030	31000	38848		84374#
320											51685		118722#
340											59974#		143905#
360											71968#		193701#
380													230020#
400													272392#
Qty per Box	200			100	50	25	10			5			



- (1) Specification : IS-1364, ISO:4014/ISO:4017
 (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



LPS HEXAGONAL HEAD BOLTS / SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**METRIC
SERIES**

**GRADE
10.9**

Diameter Length mm	M27#	M30#	M33#	M36#	M42#
	Wrench 41 mm	Wrench 46 mm	Wrench 50 mm	Wrench 55 mm	Wrench 65 mm
50		38000			
60	26493	34283			
70	26493	34283			
75	28477	34283	49586	65832	
80	29285	34115	52427	61556	
90	31876	37031	55615	63296	98978
100	34489	39851	58705	63726	104670
110	37188	43835	63128	68059	110383
120	38132	44805	64662	69379	111240
130	39389	46822	68148	73012	115935
140	41878	49725	73369	77646	122386
150	44377	53080	76648	81316	128826
160	49885	59420	81191	89353	135266
180	55192	65438	88905	103618	147561
200	60114	71384	96712	112314	154229
220	86422	91334	119697	142807	202476
240	93182	97763	128533	153096	217498
260	99303	104203	138161	163363	232585
280	105396	113219	147751	177702	247634
300	110373	119773	157346	213329	262655
320		146447		292895	322184
340		164021		339758	363189
360		193311		374905	407124
380		228458		410053	451058
400		269463		451058	497921
Qty per Box			5		

LPS HEX NUTS

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**METRIC
SERIES**

SIZE MM	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
M4x0.70	8	90	1000
M5x0.80	8	102	1000
M6x1	8	130	1000
M8x1.25	8	172	500
M10x1/1.25/1.5	8	330	200
M12x1.25/1.5/1.75	8	548	200
M10x1/1.5	10	573	200
M12x1.5/1.75	10	923	200
M14x1.5/2	10	1146	200
M16x1.5/2	10	1616	200

SIZE MM	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
M18x2.5	10	2519	125
M20x2.5	10	3253	100
M22x2.5	10	3937	80
M24x3	10	5100	50
M27x3	10	9118	30
M30x3.5	10	12331	25
M33x3.5	10	17340	15
M36x4	10	23097	12
M42x4.5	10	37306	10



- (1) Specification
(2) Threads
(3) Supply Condition
(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

IS-1364, ISO:4014/4017/4032 DIN 931/933
IS-4218
IS-1367



LPS HEXAGONAL HEAD BOLTS / SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

INCH
SERIES
UNC / UNF

GR.S
GR.5/GR.8

Diameter Length	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	
	7/16"		1/2"		9/16"		5/8"		3/4"		1.5/16"		1.1/8"		1.5/11"		1.1/2"	
	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF	UNC	UNF
3/8"																		
1/2"	396	416	542	569														
5/8"	511	536	548	574	957													
3/4"	447	469	484	508	771	809	1117	1184	1822	1913								
7/8"			569	598	894	939	1251	1326										
1"	458	480	538	565	732	769	1251	1326	1785	1875	3399	3603						
1.1/4"	466	490	583	612	817	858	1267	1343	1864	1958	3620							
1.1/2"	505	531	707	743	921	967	1369	1451	1989	2089	3528	3740	6886	7368	14589	15485		
1.3/4"	695	729	850		1215	1276	1737	1841	2156	2264	3989		7373		15076	15632		
2"	695	729	850	892	1209	1269	1737	1841	2346	2464	3868	4101	7262	7770	15783	15666	16762	
2.1/4"		827	1022	1073	1421			2261	2700		4583		8423	9013		16515		
2.1/2"			1070	1124	1447	1520	2183	2314	2760	2898	4605	4882	8076	8641	15810	16447	17598	
2.3/4"			1276		1677				3226	3387	5488		9621		15054	18846		
3"			1276	1340	1708	1793	2472	2620	3352	3519	5359	5681	9239	9885	15063	18583	19884	
3.1/4"								3100	3783	3972	6323	6703	10510			21913		
3.1/2"			1452	1525	2106	2212	2750	2915	3802	3992	6063	6427	10166	10878	17390	21116	22594	
3.3/4"					2681			3836	4267				12238					
4"			2159	2267	2779	2918	3618	3836	4190	4399	6876	7288	11353	12148	18662	23164	24785	
4.1/4"					2941			4714	4661	4894					20724			
4.1/2"					3300	3465	4106		5008	5258	8014	8495	13013		21217	26485	28339	
5"					3647	3830		5046	5326	5593	8649	9168	13931		22830	28125	30094	
5.1/2"									7655		10637		15791		24052	32533		
6"									9184		10884		16334		25528	32533	34810	
6.1/2"									10633		14711		19192		30360	39021		
7"									11468		14513		18547		29002	38134	40804	
7.1/2"											15503		20595			42570		
8"									13110		15142		20595		31413	42570	45550	
9"											25715		25715					
10											27430		27429					
11											29144		29144					
12											34287		34287					
Qty per Box	200		100		50		25				10				5			

UNC

UNF

- (1) Specifications
- (2) Threads
- (3) Supply Condition
- (4) Extra charges for zinc passivated finish
- (5) Shaded sizes are fully threaded

: BS:1768, ANSI B-18,2.1

: BS:1580, B1.1

: as per BS:1768 & SAE : J-429

ANSI B-18, 2.1

B 1.1

as per SAE : J-429





LPS HEXAGONAL HEAD BOLTS / SCREWS

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
SERIES**

**BSF/BSW
GR.R**

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"	416	569							
5/8"		575							
3/4"	469	508	508	809	809				
7/8"									
1"	480	565	565	769	769	1326	1875	1875	
1.1/4"	490	612	612	858	858	1343	1958	1958	
1.1/2"		743	743	967	967	1451	2089	2089	3740
1.3/4"							2264	2264	
2"		892		1269	1269	1841	2464	2464	4101
2.1/4"		1073					2835	2835	
2.1/2"		1124		1520		2314	2898	2898	4882
2.3/4"						2620	3387		
3"		1340		1793		2620	3519	3519	5681
3.1/4"				2072					6703
3.1/2"				2212		2915	3992	3992	6427
4"						3836	4399	4399	7288
Qty per Box	200	100		50			25		10
<div> <div>(1) Specification</div> <div>(2) Threads</div> <div>(3) Supply Condition</div> <div>(4) Extra charges for zinc passivated finish</div> <div>(5) Shaded sizes are fully threaded</div> </div> <div> INCH (BSF/BSW) BS : 1083 BS : 84 as per BS : 1083 </div>									



LPS HEX NUTS

RECOMMENDED CONSUMER NET PRICES IN RS. PER **100** PIECES
EXCLUSIVE OF EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM AUGUST 1, 2012

**INCH
SERIES**

SIZE Inch	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
5/16" UNC BSF/UNF	S	210	500
3/8" UNC BSF/UNF	S	305	200
7/16" UNC BSF/UNF	S	477	200
1/2" UNC/UNF	S	706	200
1/2" BSF	R	775	200

SIZE Inch	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
5/8" UNC	8	1616	200
5/8 UNF/BSF	8	1752	200
3/4" UNC	8	3004	125
7/8" UNC	8	5081	60
1" UNC	8	6170	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

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 01.08.2012 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. destination/Rohtak 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 cartoons.
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, breakdown 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:-** Wherever applicable, 'C' Forms/Sales Tax declaration Form 'D' should accompany the order.
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.

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)

SELECTOR GUIDE

Product	Tensile Strength Property Class		Size Range				Equivalent Standards									
			Diameter		Length											
	N/mm ² Min.	Psi Min.	Metric	Inch*	Metric	Inch*	IS	ISO	DIN	BS	ANSI/ASME	JIS				
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 916 914	4028	BS 1083 BSF BS 1768 BS 1768 UNC/UNF							
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	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	B18.2.4.1 M/ B18.2.2	B1181
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.



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