

LPS High Tensile Fasteners

STANDARD INDUSTRIAL PRODUCTS
(NON-AUTO)

SOCKET & HEXAGON PRODUCTS

Price List No. LPS/69

Effective from January 01, 2015



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			
			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)	(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	BS 1083 BSF				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					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	FOR METRIC SERIES BS.2470				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.

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"				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		
M12	1.75	14.50	1.50	17	12.00	0.472	7/16"	14	20	0.438						
			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

**METRIC
SERIES**

EFFECTIVE FROM JANUARY 01, 2015

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	1043								
5	916	1019							
6	788	812	1118	1118					
8	568	580	621	742	1161				
10	476	460	418	488	962	1625			
12	476	416	418	488	725	1159	3377		
14		646	604	688	707				
16	500	434	381	463	624	1079	3120		
18			631	722	826				
20	500	467	412	489	630	1103	2732	6995	5928
22		729	700	763	912				
25	524	481	433	550	689	1071	2380	6196	5928
30	676	579	501	622	773	1180	2270	6196	5928
35	850	636	548	683	830	1274	2300	5205	4881
40	1032	703	616	741	911	1553	2326	5326	4881
45	1120	822	684	808	1062	1688	2537	5423	5093
50	1230	1019	726	854	1118	1791	2537	5543	5093
55		1645	1253	956	1244	1936	2823	5616	5529
60		3448	1566	1761	1327	2090	2985	5952	5529
65		4170	3123	1834	1450	2271	3140	6043	6072
70			3795	2012	1548	2435	3301	6514	6533
75			4223	2094	1642	2598	3450	6888	6908
80			4826	2266	2371	3597	4139	7215	7231
85			6815	2934	3439	4396	5499		9152
90			5303	2429	2758	4111	4683	7380	8069
100			6132	2744	3271	4816	5186	9154	9184
110			6748	3596	4098	5704	6386	9945	9972
120			7536	4028	4786	5783	7343	10751	10784
130			8423	4707	5808	7872	8687	12144	12341
140			10048	5496	6238	8785	9686	13005	13212
150			11057	6369	6737	9770	10708	14198	14073
160			12452	9654	9789	12215	17656	17480	28024
170			16679		18995		19411		31226
180			14577	11297	14340	17543	19411		31226
200			16601	15611	18386	19896	21015		34489
220						24886	22679		43248
240						28280	34640		46882
260							39585		59640
280							60373		72042
300							70440		84663
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

EFFECTIVE FROM JANUARY 01, 2015

**METRIC
SERIES**

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		14131							
30	16717	14131							
35	16929	14299							
40	14826	12519	22866						
45	14930	12299	20230	16252					
50	15047	12299	17528	15568		41683			
55	15142	12473	19724	17519					
60	15266	12473	20267	18009	42247	37667			
65	15384	12998	22583	19200				80560	
70	16434	13882	22991	20428	35708	37667		80560	
75	17503	14585	24372	21643	37522	38231	56607	80560	
80	17842	14585	25613	22763	38946	38863	60809	68416	123266
85		20046		28524					
90	18202	15375	26878	23879	42853	40943	66001	74685	113716
100	19101	16122	28341	25182	45711	45616	68958	76789	121184
110	21178	17845	30822	27376	48684	48469	72669	80970	127960
120	23202	19567	33310	29597	51548	51317	79332	84461	135377
130	25821	21269	43802	31814	55264	54879	83043	87266	142148
140	27888	22977	51173	34022	57413	57023	88235	96335	149627
150	29960	25865	68231	36343	60861	60591	92689	99821	157033
160	36769	33152	90733	58834	95915	91448	123088	134330	213656
170		37946		71875					
180	44468	37869	97061	63132	106195	100994	136435	150092	233088
200	47977	39495	103946	67589	115530	109867	148295	162663	252514
220		41333	112973	73072	144380	136761	184224	201607	314767
240		64773	128379	77871	160429	147073	198457	207158	337256
260		79422	141217	80307	174742	157339	207599	221853	359731
280		94076	154055	85218	186481	167651	219033	236599	382231
300		117574	169460	133364	196778	177964	236137	251350	404706
320		156157		158907	234172#	219178#		323315	511096
340		178466		168427	247146#	239590#		353733	537996
360				184043		639157#		641639	769633
380						694394#		723901	830104
400						754818#		822615	912564
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 EXCISE DUTY AND OTHER TAXES

EFFECTIVE FROM JANUARY 01, 2015

**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
	3/16"	7/32"	7/32"	5/16"	5/16"	5/16"	3/8"	3/8"	1/2"	9/16"
	UNF	UNF	BSF	UNF	BSF	BSF	UNC	UNF	UNF	UNC
1/2"		928	928		1481					
5/8"	715	924		1612	1612					
3/4"			780	1204	1204			3684		
7/8"										
1"		948	948	1337	1337		3220	3220		
1.1/4"		1083	1083	1466	1466		3376	3376		
1.1/2"		1204	1204	1634	1634		3434	3434		
1.3/4"			1663				3673	3673		
2"		1436	1436	2029	2029	4360	3837	3837		
2.1/4"	2692							4572		
2.1/2"		1725	1725	2443	2443		4613	4613	7588	
2.3/4"								4931		
3"		2110	2110		2809		5450	5450	8318	
3.1/4"										16240
3.1/2"		3514					6497			
3.3/4"								10423		
4"							7538		11530	
4.1/2"	5183						9357			
5"							11186		13526	
5.1/2"										23717
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 JANUARY 01, 2015

**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 3/32"	Wrench 5/32"	Wrench 3/16"	Wrench 7/32"	Wrench 5/16"	Wrench 5/16"	Wrench 3/8"	Wrench 1/2"	Wrench 9/16"	Wrench 9/16"	Wrench 5/8"
3/8"	1057	505									
1/2"	1057	500	497	687	1097						
5/8"	1207	475	530	685	1194						
3/4"	1207	500	497	629	892		2729		16779		
7/8"	1285	625	587			3276					
1"	1285	561	555	702	990	2675	2385	5183	13386		
1.1/4"		617	629	802	1085	2675	2500	4490	13386		
1.1/2"		706	701	892	1210	2723	2544	4643	11357	18931	18709
1.3/4"		965	961	1232	1639		2721	4986	11935	20004	
2"		965	862	1064	1503	2920	2842	5166	11617	19065	19438
2.1/4"			1931	1476	1934	3452	3387		11868		22874
2.1/2"		3584	1797	1278	1810	3452	3417	5621	11868	20495	20356
2.3/4"					2370			7038			25085
3"			2052	1556	2081	3891	4037	6161	13507	23137	22461
3.1/4"									14764		
3.1/2"			2458	2603	3121	5232	4827	7192	14032	25519	24760
4"			2714	3090	3664	6060	5584	8541	14713	26928	27352
4.1/2"				5030	5435		6931	9083	17924	33252	31946
5"				5982	6722		8286	10019	19481	35693	33389
5.1/2"				8524	8285		9260	12575	21555	38280	36738
6"				10390	8498		9549	13557	23659	40785	38037
6.1/2"							19120	29600	31942	70811	66362
7"				17047	20316		20046	29600	32684	70811	68722
7.1/2"							20782	30737	33778	75842	71201
8"				21973	22171		21677	32647	34094	75842	73574
8.1/2"								46537	40628		
9"							35883	46537			86654
10"							35883	61680			
11"								87333			
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 JANUARY 01, 2015

**INCH
SERIES
BSW**

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"	1/4"
3/16"	214					
1/4"	214	224				
5/16"	215	237	237			
3/8"	232	248	246	289		
1/2"	241	253	257	389	658	
5/8"		328	337	472	796	1752
3/4"		499	416	567	933	1809
7/8"		514	555	719		
1"		485	582	693	1151	2085
1.1/4"		640	689	997	1608	2709
1.1/2"		953	1396	1769	3697	5049
1.3/4"						6853
2"						6229
2.1/2"						9073
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



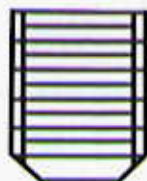
LPS SOCKET SET SCREWS

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

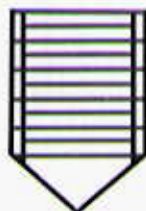
**METRIC
SERIES**

EFFECTIVE FROM JANUARY 01, 2015

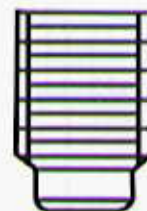
Diameter Length (mm)	M3	M4	M5	M6	M8	M10	M12	M16	M20
	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench	Wrench
	1.5mm	2mm	2.5mm	3mm	4mm	5mm	6mm	5mm	6mm
3	309								
4	296	283							
5	298	285	201	375					
6	302	289	203	204	385				
8	308	295	204	221	236	453			
10	325	311	221	239	245	334	763		
12	343	328	240	272	296	388	555		
16		444	291	349	358	516	659	1519	
20		541	355	379	463	631	834	1529	5023
25		584	411	492	580	763	1145	2074	5605
30			570	653	676	1099	1323	2462	6479
35				996	904	1276	1792	3075	7391
40				1126	1075	1412	1988	3562	8260
45					1200	1614	2215	3955	9171
50					1341	1874	2415	4766	10036
55						3100	4236	6024	11864
60						3535	4853	6443	12608
65								7647	14205
70								9742	14996
75								10895	16311
80								11785	
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 JANUARY 01, 2015

**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"	715			1204				2182			
5/8"	782			1204		2159	2159				
3/4"	840	1817	1817	1000	2159	2159		1674		5029	
1"	981	2094		1152	2389			1939	3540	4958	
1.1/4"	1139			1330			2788	2232	3717	5495	8904
1.1/2"				2050			3084	3011		6152	9965
2"								3546		6896	11037
2.1/2"								4267		7900	12418
3"								5189		8850	14354
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

EFFECTIVE FROM JANUARY 01, 2015

**METRIC
SERIES**

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	885	851								
8	851	490	748	1057						
10	914	490	501	561	1315					
12	981	519	522	556	766					
16	1133	560	562	606	740	1296	4149			
20	1305	627	617	654	792	1113	2781			
25	1530	731	725	761	914	1287	2265	5900		
30		923	929	910	1050	1480	2594	4856		
35		1912	1235	1040	1192	1692	2830	5251		
40		2049	1923	1198	1379	1940	3113	5573	18973	
45		2656	2469	2191	1629	2243	3461	6355	18973	
50		3115	2968	2716	2465	2532	3771	6355	17611	
55				4129	3007	2978	4512	7282	18406	
60				4393	3989	3262	4861	7652	18406	24468
65							6242	8412	18920	
70							6397	8832	19208	27982
75							6884	10191	20000	29725
80							7414	10698	21045	31497
90							9917	11729	21838	34978
100							11491	14627	25747	39775
110								16731	28787	44572
120								19993	31534	49368
130								23150	34089	54165
140								24202	41347	58437
150								26975	45344	62820
160									49297	67784
180									53406	72919
200									58541	79081
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

EFFECTIVE FROM JANUARY 01, 2015

**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		852				
6	924	762	997	1097		
8	1095	603	948	1052		
10	1179	603	610	677	1142	
12	1260	637	628	677	934	
14		924				
16	1442	691	679	765	956	1910
18			924	1006		
20	1604	747	766	825	981	1303
22				1078		
25	1761	944	907	924	1150	1496
30		1341	1070	1062	1316	1677
35			1476	1309	1592	1902
40			1486	1495	1787	2178
45			1860	2188	2465	3004
50			2297	2516	2689	3385
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 JANUARY 01, 2015

**INCH
&
METRIC
SERIES**

DIMENSIONS ACROSS FLATS (inch)	NET PRICE PER 100 PCS.	QTY. PER BOX
1/16"	1090	100
5/64"	1180	100
3/32"	1180	100
1/8"	1180	100
5/32"	1407	100
3/16"	1804	100
7/32"	2461	50
1/4"	3562	50
5/16"	5901	25
3/8"	8752	25
1/2"	20094	10
9/16"	25889	10
5/8"	37757	10
3/4"	61074	5

DIMENSIONS ACROSS FLATS (mm)	NET PRICE PER 100 PCS.	QTY. PER BOX
1.5	1067	100
2	1067	100
2.5	1067	100
3	1167	100
4	1830	100
5	2236	100
6	3183	75
8	5993	25
10	10084	25
12	18916	10
14	27784	10
17	44032	10
19	60723	10
22	96579	5
24	129865	5
27	218571	2
32	384686	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	338.00
Standard (inch)	1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"	354.00



- | | | |
|---------------------------|---|---|
| (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 JANUARY 01, 2015

**METRIC
SERIES**

**GRADE
8.8 / 10.9**

Diameter	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
Length mm	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				525									
8		462	504	525									
10	364	288	297	352	605	1435							
12	364	300	304	372	539	1408							
14			392	402									
16	364	438	435	384	541	925	2210						
18			465	393	486	1030							
20	386	443	422	384	486	864	1417	3301	3706				
22			465	401	563	1044							
25		472	438	397	532	924	1532	2540	3219				
30		480	474*	418	602	998	1515	2645	3519	8510	9387		
35		497	496*	445	705*	1049	1611	2751	3482		8145		
40		517	559*	468	751*	1273*	1823	2908	3482	7002	7044		16180
45		532	651*	499	814*	1478*	2026*	3178	3681	7070	7330		16180
50		557	781*	534	882*	1514*	2168*	3523	3952	7048	7330	11011	13120
55				595	976*	1603*	2343*	3600	4422*	7544	8331	12190	13120
60				643	1104*	1756*	2438*	3763	4638*	7767	8411	12190	13658
65				697	1140*	1844*	2567*	3970	4786*	8303	8800*	13787	14207
70				752	1220*	1939*	2880*	4210	5071*	8891	8800*	13419	14979*
75				882	1267*	2088*	2983*	4416	5439*	9412	9606*	13874	15517*
80				989	1317*	2399*	3186*	4675	6287*	9608	9886*	14436	16973*
85				1080	1634	2939	3988		6783		12672		
90				1057	1693	2660*	3409*	5122	6748*	10206	10511*	15382	18122*
95					2112	3424	4482						
100				1622	2050	3043	3986*	5895	6955*	11113	11115*	16405	19604*
110					2884	3540	4353*	6806	7764*	12388	12604*	18433	20484*
120					3187	3866	4642*	7378	8880*	13075	13435*	19701	21499*
125						4576	5499						
130					3488	4340	4907	7927	10396*	13668	14619*	21396	22692*
140					3862	4817	5781	10861	10613*	14397	15601*	22466	24295*
150					4913	6027	7782	12278	12053*	15416	15425*	23085	24921*
160					5711	6643	8159	13724	13088	17023	18259	27334	30410
170							10299		16942		24711		33674
180					7047	8270	8869		14771	18381	21424	29140	32428
200					7688	11157	11720		15991	20251	23089	31483	34982
220						15375	16870		20668	22275	32070	55135	50322
240						17938	17283		22246	24507	33679	55135	52126
260							17652		22712	26960	35288	55135	53928
280							19283		25063	29660	38500	55135	59310
300							22583		32230	32634	41694	59157	86655
320											55736		128027#
340											64675		155185#
360											77609		208884#
380													248049#
400													293743#
Qty./Box	200			100	50	25	10			5			



- | | |
|--|---|
| (1) Specification | : IS-1364, ISO:4014/4017 EN 24014,24017 |
| (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 JANUARY 01, 2015

**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		39027			
60	27481	35474			
70	27481	35561			
75	29539	35561	51436	69640	
80	30377	36088	54383	63856	
90	33065	39173	57689	66295	102669
100	35775	42156	60894	67575	108574
110	38576	46370	65483	72170	114501
120	39554	47397	67074	73570	115389
130	40859	49530	70690	77422	120259
140	43440	52601	76105	82336	126951
150	46032	56150	79507	86228	133631
160	51745	62857	84220	94751	140312
180	57250	68550	92221	109877	153065
200	62356	75513	100319	119099	159982
220	89646	95679	124162	148867	210029
240	96658	102414	133327	159593	225611
260	103007	109160	143314	170296	241260
280	109327	118605	153262	185243	256870
300	114490	125470	163215	222382	272453
320		157926#		315852	347437
340		176877#		366389	391657
360		208462#		404291	439035
380		246365#		442193	486413
400		290584#		486412	536949
Qty./Box	5				



LPS HEX NUTS

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

EFFECTIVE FROM JANUARY 01, 2015

**METRIC
SERIES**

SIZE MM	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
M4x0.70	8	92	1000
M5x0.80	8	105	1000
M6x1	8	137	1000
M8x1.25	8	185	500
M10x1/1.25/1.5	8	350	200
M12x1.25/1.5/1.75	8	581	200
M10x1/1.5	10	589	200
M12x1.5/1.75	10	948	200
M14x1.5/2	10	1177	100
M16x1.5/2	10	1660	200

SIZE MM	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
M18x2.5	10	2587	125
M20x2.5	10	3341	100
M22x2.5	10	4043	80
M24x3	10	5238	50
M27x3	10	9364	30
M30x3.5	10	12664	25
M33x3.5	10	17809	15
M36x4	10	23721	12
M42x4.5	10	38314	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 EN 24014,24017/24032
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 JANUARY 01, 2015

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	UNC	UNF	
3/8"																		
1/2"	427	449	570	598														
5/8"	531	557	570	598	1006													
3/4"	483	507	526	552	807	847	1188	1259	1909	2005								
7/8"			596	626	966	1015	1329	1410										
1"	476	499	572	600	790	830	1329	1410	1870	1964	3560	3774						
1.1/4"	486	511	630	661	881	925	1347	1428	2022	2124	3792							
1.1/2"	537	565	766	805	995	1045	1455	1542	2155	2263	3715	3938	7213	7719	15284	16222		
1.3/4"	729	765	890		1274	1337	1846	1957	2325	2441	4179		7724		15793	16376		
2"	729	765	916	962	1279	1342	1846	1957	2530	2657	4165	4415	7607	8140	16534	16411	17559	
2.1/4"			1073	1127	1489				2876		4801		8824	9442		17301		
2.1/2"			1107	1162	1533	1610	2320	2460	2976	3125	4961	5259	8460	9052	16562	17229	18435	
2.3/4"			1325		1756				3441	3612	5749		10078		15770	19743		
3"			1335	1402	1810	1900	2628	2785	3614	3795	5777	6124	9678	10355	15780	19468	20830	
3.1/4"									3963	4161	6624	7022	11010			22956		
3.1/2"			1525	1602	2207	2317	2923	3295	4005	4206	6522	6913	10650	11395	18217	22121	23669	
3.3/4"					2808				4470				12820					
4"			2262	2374	2911	3057	3846	4078	4390	4609	7415	7860	11893	12726	19549	24266	25964	
4.1/4"					3081			5011	4882	5127					21710			
4.1/2"					3457	3630	4365		5246	5508	8395	8899	13632		22226	27744	29687	
5"					3850	4043		5500	5580	5859	9060	9604	14594		23916	29463	31526	
5.1/2"									8019		11143		16542		25196	34081		
6"									9621		11401		17111		26743	34081	36466	
6.1/2"									11138		15410		20105		31804	40877		
7"									12367		15203		19429		30382	39948	42745	
7.1/2"											16240		21574			44595		
8"									14138		15862		21574		32907	44595	47717	
9"											26410		26410					
10											28171		28171					
11											29932		29932					
12											35214		35214					
Qty./Box	200		100		50		25				10				5			



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

UNC

UNF

: BS:1768, ANSI B-18,2.1

ANSI B-18, 2.1

: BS:1580, B1.1

B 1.1

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

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 JANUARY 01, 2015

**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"	449	598							
5/8"		598							
3/4"	507	552	552	847	847				
7/8"									
1"	499	600	600	830	830	1410	1964	1964	
1.1/4"	511	661	661	925	925	1428	2124	2124	
1.1/2"		805	805	1045	1045	1542	2263	2263	3938
1.3/4"							2441	2441	
2"		962		1342	1342	1957	2657	2657	4415
2.1/4"		1127					3019	3019	
2.1/2"		1162		1610		2460	3125	3125	5259
2.3/4"						2856	3612		
3"		1402		1900		2785	3795	3795	6124
3.1/4"				2258					7022
3.1/2"				2317		3099	4206	4206	6913
4"						4078	4609	4609	7860
Qty./Box	200	100		50		25		10	

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

INCH (BSF/BSW)

BS : 1083
BS : 84
as per BS : 1083



LPS HEX NUTS

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

EFFECTIVE FROM JANUARY 01, 2015

**INCH
SERIES**

SIZE Inch	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
5/16" UNC BSF/UNF	S	216	500
3/8" UNC BSF/UNF	S	313	200
7/16" UNC BSF/UNF	S	650	200
1/2" UNC/UNF	S	725	200
1/2" BSF	R	796	200

SIZE Inch	Grade	NET PRICE PER 100 PCS.	QTY PER BOX
5/8" UNC	8	1660	200
5/8 UNF/BSF	8	1800	200
3/4" UNC	8	3085	125
7/8" UNC	8	5218	60
1" UNC	8	6337	50



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

BSF

BS:1083
BS:84
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)

General Conditions for Sale

All Quotations, Orders or 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 01.01.2015 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 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, 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.



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