



PRICE LIST

DFL-11, w.e.f. Oct, 2018

Socket Screws	11
Durlok [®]	31
Hex Bolt, Nut & Washer	35
Construction	51
Stainless Steel	59
Petrochemical	79

Hex Bolts

Page Contents

37	Hex Head Bolts/Screws - Grade 10.9
42	Hex Head Bolts/Screws - Grade 8
46	Hex Nut - Grade 8 / 10
47	Nylock Nut Blue Ring DIN 982 - Grade 8 /10
48	Nylock Nut Blue Ring DIN 985 - Grade 8 /10
48	All Metal Prevailing Torque Nut DIN 980M & DIN 980V
49	Spring Washer - Square Section
49	Spring Washer - Flat Section
49	Hardened Washer
50	Hexagon Weld Nut



Hex Head Bolts / Screws

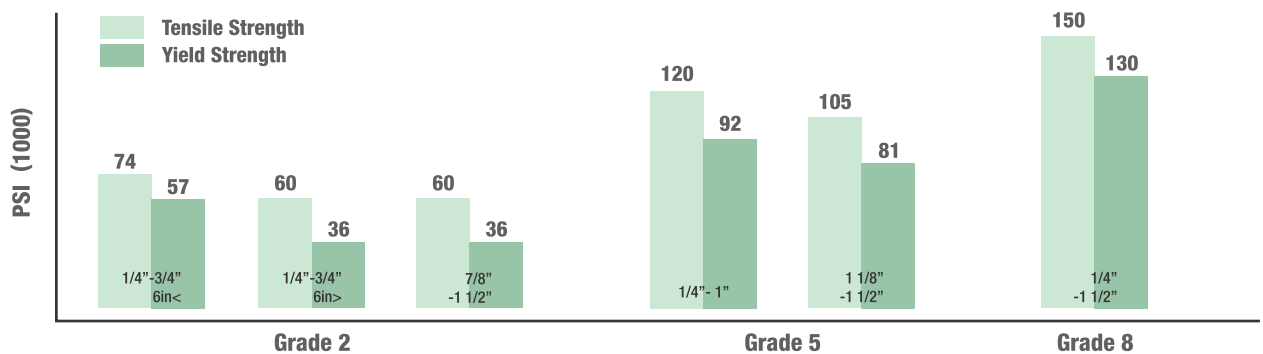
In-house Destructive And Non destructive Testing:

- Chemical product check analysis
- Hardness tests
- Grains size
- Heat treatment tests
- UTS test
- Decarburization tests
- Room temprature tension tests (or at 0° C)
- Proof load test
- Ultra soud testing
- Low temperature impact tests (upto -196° c)
- Macrotech tests
- M.P.I tests
- X-Ray Fluorescence Analysis
- Microtech tests
- Stress rupture tests

- **ROLLED THREADS** : Rolling threads results in best quality highest -strength thread because of; (1) more accurate and uniform thread dimensions, giving a better fit between threaded parts and fewer concentrated loads at points of misfit; (2) smoother thread surfaces & thus, fewer scratches and other markings to initiate cracks, or galling; and (3) higher yield, tensile, & shear properties to better withstand service loads.
- **ECONOMY** : Fewer high strength bolts are required than M. S. bolts and rivets. Drilling of close holes is not required. Overall weight the structure will be very light.
- **SIMPLICITY** : A minimum of skill is required in tightening and the operators need only to follow a few simple rules.



Comparison of Different Grades





10.g Hex Head Bolts/Screws

Metric

DIA	M4			M5			M6			M8			
	Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
8	550616	320	500					550628	503	500			
10	170001	287	500	170013	304	500	170029	393	500	550642	710	500	
12	170002	297	500	170014	308	500	170030	416	500	170049	600	500	
16	170003	488	500	170015	487	500	170031	430	500	170050	608	200	
18	170004	488	500	170016	499	500	170032	436	500	170051	548	200	
20	170005	422	500	170017	402	500	170033	430	500	170052	548	200	
22	170006	428	500	170018	427	500	170034	442	500	170053	620	200	
25	170007	428	500	170019	422	500	170035	444	500	170054	601	200	
30	170008	427	500	170020	455	500	170036	465	500	170055	673	200	
35	170009	439	500	170021	460	500	170037	498	200	170056	789	200	
40	170010	466	500	170022	488	500	170038	523	200	170057	836	200	
45	170011	525	500	170023	533	500	170039	555	200	170058	904	200	
50	170012	583	500	170024	641	500	170040	595	200	170059	984	200	
55	240001	641	500	170025	675	500	170041	653	200	170060	1,078	100	
60	240002	700	500	170026	736	200	170042	714	200	170061	1,216	100	
65				170027	836	200	170043	775	100	170062	1,255	100	
70				170028	902	200	170044	835	100	170063	1,355	100	
75				240003	967	200	170045	842	100	170064	1,397	100	
80							170046	887	100	170065	1,448	100	
90							170047	1,000	100	170066	1,872	100	
100							170048	1,111	100	170067	2,255	50	
110							551178	1,709	100	240010	3,178	50	
120							550866	1,858	100	240011	3,505	50	
130							550867	2,002	100	240012	3,837	50	
140							550868	2,149	100	550872	4,246	50	
150							550869	2,295	100	550873	4,518	50	
160										787951	4,777	50	
170										787952	5,024	50	
180										787953	5,308	50	
190										787954	5,555	50	
200										787955	5,815	50	

Grey highlighted items are full threaded

- Specifications :** Generally conforming to IS 1364, ISO 4014/4017.
- Threads :** ISO Metric 6g as per IS 4218.
- Material and Mechanical Properties :** Property Class 10.9 as per IS 1367.
- Note :** Prices for fully threaded screws beyond shaded sizes will cost 10% extra.
- Orders for Property class 8.8 can be accepted subject to our confirmation on the basis of item wise quantities. Price list for 8.8 available separately.
- Upto 80mm Diameter can be manufactured against request.
- Plating :** No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.
- Bolts/Screws as per DIN 931/933 will be manufactured against specific order with minimum order quantity of each size.
- Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



10.9 Hex Head Bolts/Screws

Metric

DIA	M10			M12			M14			M16			
	Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
16	170068	1,026	200	550673	1,911	100							
18	170069	1,020	200										
20	170070	962	200	170093	1,580	100					170142	3,573	50
22	170071	1,059	200								170143	3,573	50
25	170072	1,040	200	170094	1,716	100	170121	2,728	50		170144	3,599	25
30	170073	1,123	100	170095	1,703	100	170122	2,942	50		170145	3,943	25
35	170074	1,181	100	170096	1,798	100	170123	3,059	25		170146	3,943	25
40	170075	1,433	100	170097	2,047	100	170124	3,272	25		170147	3,903	25
45	170076	1,663	100	170098	2,271	50	170125	3,533	25		170148	4,138	25
50	170077	1,703	100	170099	2,428	50	170126	3,917	25		170149	4,446	25
55	170078	1,773	100	170100	2,604	50	170127	4,004	25		170150	4,942	25
60	170079	1,947	100	170101	2,716	50	170128	4,183	25		170151	5,213	25
65	170080	2,053	50	170102	2,839	50	170129	4,413	25		170152	5,346	25
70	170081	2,158	50	170103	3,210	50	170130	4,681	25		170153	5,704	25
75	170082	2,307	50	170104	3,325	50	170131	4,909	25		170154	6,117	25
80	170083	2,655	50	170105	3,528	50	170132	5,197	25		170155	7,020	25
90	170084	2,944	50	170106	3,800	25	170133	5,693	25		170156	7,501	25
100	170085	3,384	50	170107	4,439	25	170134	6,552	25		170157	7,785	15
110	170086	3,906	50	170108	4,848	25	170135	7,123	25		170158	8,636	15
120	170087	4,252	25	170109	5,138	25	170136	7,909	25		170159	9,865	15
130	170088	4,776	50	170110	5,431	25	170137	8,561	25		170160	11,601	15
140	170089	5,299	50	170111	6,445	25	170138	11,085	25		170161	11,760	15
150	170090	5,677	30	170112	8,610	25	170139	12,236	25		170162	13,384	15
160	170091	6,054	25	170113	9,027	20	170140	13,663	25		170163	14,536	15
180	170092	6,811	25	170114	9,813	20	170141	14,659	25		170164	16,348	15
200	550876	7,568	25	170115	12,968	25	550887	16,287	25		170165	17,697	10
220				170116	18,649	25	550888	22,230	20		170166	22,875	10
240				170117	19,109	20	550889	24,045	20		170167	24,617	10
260				170118	19,520	20	550890	25,860	20		170168	25,116	10
280				170119	21,317	18	550891	27,845	18		170169	27,727	10
300				170120	22,839	18	550892	29,716	18		170170	35,643	10

Grey highlighted items are full threaded

- 1. Specifications :** Generally conforming to IS 1364, ISO 4014/4017.
- 2. Threads :** ISO Metric 6g as per IS 4218.
- 3. Material and Mechanical Properties :** Property Class 10.9 as per IS 1367.
- 4. Note :** Prices for fully threaded screws beyond shaded sizes will cost 10% extra.
- Orders for Property class 8.8 can be accepted subject to our confirmation on the basis of item wise quantities. Price list for 8.8 available separately.
- Upto 80mm Diameter can be manufactured against request.
- 7. Plating :** No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.
- Bolts/Screws as per DIN 931/933 will be manufactured against specific order with minimum order quantity of each size.
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10.9 Hex Head Bolts/Screws

Metric

DIA	M18			M20			M22		
Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
30				550751	8,125	25			
35	550735	6,516	25	170190	7,843	25			
40	170171	7,007	25	170191	7,843	25	550775	10,628	10
45	170172	7,303	25	170192	8,216	25	550776	11,286	10
50	170173	7,529	25	170193	8,157	25	170215	11,630	10
55	170174	8,043	25	170194	9,264	25	170216	12,525	10
60	170175	8,296	25	170195	9,395	25	170217	12,935	10
65	170176	8,575	25	170196	9,509	10	170218	13,852	10
70	170177	9,367	25	170197	9,623	10	170219	14,333	10
75	170178	9,914	10	170198	10,676	10	170220	14,826	10
80	170179	9,933	10	170199	10,991	10	170221	15,428	10
90	170180	10,552	10	170200	11,680	10	170222	16,433	10
100	170181	11,692	10	170201	12,439	10	170223	17,528	10
110	170182	12,326	10	170202	14,000	10	170224	19,081	10
120	170183	13,601	10	170203	14,904	10	170225	20,395	10
130	170184	14,222	10	170204	16,217	10	170226	21,490	10
140	170185	14,843	10	170205	17,306	10	170227	22,566	10
150	170186	15,895	10	170206	17,009	10	170228	23,626	10
160	170187	17,117	10	170207	20,250	10	170229	26,951	5
180	170188	18,990	10	170208	23,709	10	170230	29,269	5
200	170189	20,517	10	170209	25,551	10	170231	31,623	5
220	240020	22,568	10	170210	35,450	5	170232	48,573	5
240	240021	24,623	10	170211	37,227	5	170233	52,616	5
260	240022	26,675	10	170212	39,006	6	170234	54,639	5
280	240023	28,727	8	170213	42,553	6	170235	60,730	5
300	240024	30,779	8	170214	46,081	6	170236	65,069	5

Grey highlighted items are full threaded

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- Material and Mechanical Properties :** Property Class 10.9 as per IS 1367.
- Note :** Prices for fully threaded screws beyond shaded sizes will cost 10% extra.
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10.9 Hex Head Bolts/Screws

Metric

DIA	M24			M27			M30		
Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
40	550791	16,836	10						
45	550792	17,871	10						
50	170237	14,662	10	170259	29,392	5	170281	38,960	5
55	170238	14,030	10	170260	29,392	5	170282	38,960	5
60	170239	15,264	10	170261	29,392	5	170283	38,960	5
65	170240	15,795	10	170262	29,392	5	170284	38,960	5
70	170241	16,743	10	170263	29,392	5	170285	38,960	5
75	170242	17,346	10	170264	31,608	5	170286	38,960	5
80	170243	18,967	10	170265	33,075	5	170287	40,544	5
90	170244	20,253	10	170266	36,009	5	170288	44,010	5
100	170245	21,906	10	170267	38,960	5	170289	47,362	5
110	170246	22,896	5	170268	42,012	5	170290	52,097	5
120	170247	24,029	10	170269	43,077	5	170291	53,248	5
130	170248	25,342	5	170270	44,495	5	170292	55,646	5
140	170249	26,548	5	170271	47,312	5	170293	59,097	5
150	170250	27,845	5	170272	50,130	5	170294	62,416	3
160	170251	33,250	5	170273	55,364	5	170295	70,617	3
170	240025	34,700	5	550941	58,305	5	550947	74,182	3
180	170252	36,151	5	170274	61,249	5	170296	77,770	3
190	240026	37,576	5						
200	170253	39,001	5	170275	66,716	5	170297	84,838	5
220	170254	55,912	5	170276	91,940	4	170298	102,359	3
240	170255	57,915	5	170277	99,141	4	170299	109,562	3
260	170256	59,920	4	170278	105,643	3	170300	116,778	3
280	170257	65,898	4	170279	112,128	3	170301	123,981	2
300	170258	80,560	4	170280	117,389	3	170302	131,167	2

Grey highlighted items are full threaded

- 1. Specifications :** Generally conforming to IS 1364, ISO 4014/4017.
- 2. Threads :** ISO Metric 6g as per IS 4218.
- 3. Material and Mechanical Properties :** Property Class 10.9 as per IS 1367.
- 4. Note :** Prices for fully threaded screws beyond shaded sizes will cost 10% extra.
- Orders for Property class 8.8 can be accepted subject to our confirmation on the basis of item wise quantities.
Price list for 8.8 available separately.
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- Bolts/Screws as per DIN 931/933 will be manufactured against specific order with minimum order quantity of each size.
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10.g Hex Head Bolts/Screws

Metric

DIA	M33			M36			M42			M48			
	Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
70				550845	69,451	5							
75	170303	53,480	5	550846	66,373	5	631194	97,297	4				
80	170304	56,548	5	170320	67,650	5	550858	100,774	3				
90	170305	59,981	5	170321	72,802	3	170336	106,760	3				
100	170306	64,233	5	170322	75,735	3	170337	112,895	2	787845	157,001	2	
110	170307	69,067	4	170323	80,886	4	170338	119,065	2	787846	165,629	2	
120	170308	70,718	4	170324	82,454	3	170339	119,981	2	787847	166,602	2	
130	170309	74,519	4	170325	86,773	3	170340	125,048	10	787848	173,544	2	
140	170310	79,137	4	170326	91,723	3	170341	132,007	10	550980	193,864	2	
150	170311	83,671	4	170327	96,640	3	170342	138,951	9	787849	202,637	2	
160	170312	87,572	4	170328	106,193	3	170343	145,904	9	787850	211,472	2	
180	170313	95,891	3	170329	123,147	2	170344	159,157	8	550981	229,078	2	
200	170314	104,309	3	170330	133,484	2	170345	166,357	7	550982	237,402	2	
220	170315	126,151	3	170331	160,041	2	170346	213,386	7	550983	301,764	2	
240	170316	135,451	2	170332	171,568	9	170347	229,224	6	550984	321,872	2	
260	170317	145,604	2	170333	183,080	8	170348	245,111	6	787851	341,980	2	
280	170318	155,706	2	170334	194,616	8	170349	260,967	6	551123	362,088	2	
300	170319	165,792	2	170335	233,624	7	170350	276,812	6	551143	382,196	2	

Grey highlighted items are full threaded

- Specifications :** Generally conforming to IS 1364, ISO 4014/4017.
- Threads :** ISO Metric 6g as per IS 4218.
- Material and Mechanical Properties :** Property Class 10.9 as per IS 1367.
- Note :** Prices for fully threaded screws beyond shaded sizes will cost 10% extra.
- Orders for Property class 8.8 can be accepted subject to our confirmation on the basis of item wise quantities. Price list for 8.8 available separately.
- Upto 80mm Diameter can be manufactured against request.
- Plating :** No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.
- Bolts/Screws as per DIN 931/933 will be manufactured against specific order with minimum order quantity of each size.
- Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.

Important * long delivery items-subject to extended deliveries (3 to 4 months).
Users are advised to plan their requirements in advance.



Gr. 8 Hex Head Bolts/Screws

Inch(UNC)

DIA	1/4			5/16			3/8			1/2			
	Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
1/2	170351	471	500	170364	628	500	170381	1,010	200				
5/8	170352	584	500	170365	601	500	170382	1,010	200				
3/4	170353	531	500	170366	579	200	170383	881	200	170400	1,897	100	
7/8	170354	479	500	170367	633	200	170384	1,064	200	170401	1,883	100	
1	170355	523	200	170368	630	200	170385	869	200	170402	1,999	100	
1 1/4	170356	535	200	170369	693	200	170386	971	200	170403	2,230	100	
1 1/2	170357	593	200	170370	844	200	170387	1,097	100	170404	2,380	50	
1 3/4	170358	649	200	170371	946	200	170388	1,280	100	170405	2,559	25	
2	170359	712	200	170372	1,007	200	170389	1,406	100	170406	2,785	25	
2 1/4	170360	782	200	170373	1,108	100	170390	1,540	100	170407	3,075	25	
2 1/2	170361	871	200	170374	1,216	100	170391	1,690	100	170408	3,274	25	
2 3/4	170362	957	200	170375	1,314	100	170392	1,883	100	170409	3,545	25	
3	170363	1,046	200	170376	1,383	100	170393	1,995	100	170410	3,976	25	
3 1/4	240027	1,205	200	170377	1,476	100	170394	2,206	50	170411	4,264	25	
3 1/2	240028	1,219	200	170378	1,590	100	170395	2,267	50	170412	4,411	25	
3 3/4	240029	1,301	100	170379	1,963	100	170396	2,779	25	170413	4,641	25	
4	240030	1,395	100	170380	2,169	100	170397	2,987	25	170414	4,835	25	
4 1/4				551064	2,314	100	170398	3,322	25	170415	5,135	25	
4 1/2	787956	1,554	100	551065	2,440	100	170399	3,516	25	170416	5,594	25	
5	551063	1,718	100	551066	2,710	100	240034	3,906	50	170417	6,110	25	
5 1/2				787957	2,961	100	240035	4,297	50	170418	7,459	25	
6				787958	3,210	100	240036	4,687	50	170419	9,057	25	
6 1/2										240037	11,126	25	
7										170420	13,607	20	
7 1/2										170421	14,583	25	
8										170422	15,554	25	

Grey highlighted items are full threaded

1. **Specifications** : Generally conforming to ANSI B 18.2.1

2. **Threads** : Unified Coarse, 2A as per ANSI B1.1.

3. **Material & Mechanical Properties** : Grade 8 as per SAE J 429

4. **Note** : Non-shaded sizes if required in full thread will cost 10% extra.

: Upto 4 Inch Dia can be manufactured against request.

5. **Plating** : No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.

6. For Hex Bolt/Screws BSW, above prices will apply.

7. Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Gr. 8 Hex Head Bolts/Screws

Inch(UNC)

DIA	5/8			3/4			7/8			1			
	Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
1	170423	3,494	25										
1 1/4	170424	3,900	25	551032	6,749	25							
1 1/2	170425	4,091	25	170445	7,179	25	551044	15,561	10	170487	15,686	10	
1 3/4	170426	4,364	25	170446	7,452	25	787988	17,093	10	170488	15,686	10	
2	170427	4,585	25	170447	7,939	25	170467	18,773	10	170489	16,488	10	
2 1/4	170428	4,992	25	170448	8,720	25	170468	18,773	10	170490	17,127	10	
2 1/2	170429	5,462	25	170449	9,148	25	170469	15,136	10	170491	17,913	10	
2 3/4	170430	5,903	25	170450	9,979	10	170470	15,136	10	170492	19,099	10	
3	170431	6,363	25	170451	10,371	10	170471	15,858	10	170493	20,918	10	
3 1/4	170432	6,776	25	170452	10,826	10	170472	17,488	10	170494	21,728	10	
3 1/2	170433	7,177	25	170453	11,702	10	170473	17,488	10	170495	22,642	10	
3 3/4	170434	7,938	25	170454	12,561	10	170474	18,762	10	170496	24,923	10	
4	170435	8,148	25	170455	13,143	10	170475	19,657	10	170497	24,923	10	
4 1/4	170436	8,432	25	170456	13,466	10	170476	20,839	10	170498	27,479	10	
4 1/2	170437	8,747	25	170457	14,090	10	170477	21,831	10	170499	27,479	5	
5	170438	9,846	25	170458	14,987	10	170478	23,491	10	170500	30,662	5	
5 1/2	170439	11,327	20	170459	16,831	10	170479	24,747	10	170501	33,140	5	
6	170440	11,874	10	170460	17,278	10	170480	26,267	10	170502	34,674	5	
6 1/2	170441	13,853	10	170461	18,671	10	170481	27,720	5	170503	37,602	5	
7	170442	14,920	10	170462	18,671	10	170482	30,598	5	170504	40,528	5	
7 1/2	170443	15,985	10	170463	20,062	10	170483	32,181	5	170505	43,365	5	
8	170444	16,276	10	170464	21,983	10	170484	33,600	5	170506	45,372	5	
9	551069	18,310	10	170465	22,982	10	170485	38,178	5	170507	51,026	5	
10	551070	20,347	10	170466	25,857	8	170486	39,946	5	170508	55,953	4	
11				240038	27,482	8				170509	58,753	4	
12				551222	29,979	8				170510	64,093	4	

Grey highlighted items are full threaded

1. **Specifications** : Generally conforming to ANSI B 18.2.1

2. **Threads** : Unified Coarse, 2A as per ANSI B1.1.

3. **Material & Mechanical Properties** : Grade 8 as per SAE J 429

4. **Note** : Non-shaded sizes if required in full thread will cost 10% extra.

: Upto 4 Inch Dia can be manufactured against request.

5. **Plating** : No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.

6. For Hex Bolt/Screws BSW, above prices will apply.

7. Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Gr. 8 Hex Head Bolts/Screws

Inch(UNC)

DIA	1 1/8			1 1/4			1 3/8		
Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
1	170511	17,618	5						
1 1/4	170512	19,108	5						
1 1/2	170513	20,851	10						
1 3/4	170514	21,557	10						
2	170515	23,214	10						
2 1/4	170516	24,880	5	551302	32,914	5			
2 1/2	170517	26,301	5	170534	34,832	5	170551	42,176	5
2 3/4	170518	27,720	5	170535	36,486	5	170552	44,068	5
3	170519	29,376	5	551062	38,142	5	170553	46,203	5
3 1/4	170520	31,041	5	170537	40,278	5	170554	48,808	5
3 1/2	170521	32,459	5	170538	42,176	5	170555	51,180	5
3 3/4	170522	34,116	5	170539	44,304	5	170556	53,784	5
4	170523	35,772	5	170540	46,203	4	170557	56,155	5
4 1/4	170524	37,435	5	170541	48,094	5	170558	58,761	4
4 1/2	170525	39,093	5	170542	50,229	4	170559	61,131	4
5	170526	42,176	5	170543	54,256	5	170560	66,108	4
5 1/2	170527	45,489	5	170544	58,046	3	170561	71,083	3
6	170528	48,573	5	170545	62,080	4	170562	76,059	3
6 1/2				551072	66,780	3			
7	170529	54,971	3	170546	69,897	3	170563	85,776	3
7 1/2	170530	58,046	5	170547	73,689	3	170564	90,752	3
8	170531	61,366	3	170548	77,714	3	170565	95,728	3
9	170532	85,776	4	170549	85,776	3	170566	105,678	2
10	170533	74,160	3	170550	93,591	3	170567	115,630	2

Grey highlighted items are full threaded

- 1. Specifications :** Generally conforming to ANSI B 18.2.1
- 2. Threads :** Unified Coarse, 2A as per ANSI B1.1.
- 3. Material & Mechanical Properties :** Grade 8 as per SAE J 429
- 4. Note :** Non-shaded sizes if required in full thread will cost 10% extra.
: Upto 4 Inch Dia can be manufactured against request.
- 5. Plating :** No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.
- 6.** For Hex Bolt/Screws BSW, above prices will apply.
- 7.** Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Gr. 8 Hex Head Bolts/Screws

Inch(UNC)

DIA	1 1/2			1 3/4			2		
Length	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty	Part No.	₹ Price/ 100 pcs	Box Qty
2 1/2	170568	53,070	5	170585	85,709	3	170602	119,992	2
2 3/4	170569	55,677	5	170586	89,339	3	170603	124,921	2
3	170570	58,290	5	170587	92,979	3	170604	129,601	2
3 1/4	170571	60,652	4	170588	96,876	2	170605	134,530	2
3 1/2	170572	63,737	4	170589	100,505	2	170606	139,468	2
3 3/4	170573	66,579	4	170590	104,402	2	170607	144,406	2
4	170574	69,661	3	170591	108,824	2	170608	149,336	2
4 1/4	170575	72,504	3	170592	113,238	2	170609	154,275	2
4 1/2	170576	75,586	3	170593	117,650	2	170610	159,986	2
5	170577	81,504	3	170594	126,486	2	170611	171,679	2
5 1/2	170578	87,431	3	170595	135,313	2	170612	183,102	2
6	170579	93,357	2	170596	144,149	2	170613	194,793	2
7	170580	104,729	2	170597	161,284	2	170614	216,866	2
7 1/2	170581	110,653	3	170598	169,853	2	170615	228,559	2
8	170582	116,579	2	170599	178,945	2	170616	240,241	2
9	170583	128,423	2	170600	196,608	2	170617	263,098	2
10	170584	140,274	2	170601	214,269	2	170618	286,471	2

Grey highlighted items are full threaded

1. **Specifications** : Generally conforming to ANSI B 18.2.1

2. **Threads** : Unified Coarse, 2A as per ANSI B1.1.

3. **Material & Mechanical Properties** : Grade 8 as per SAE J 429

4. **Note** : Non-shaded sizes if required in full thread will cost 10% extra.

: Upto 4 Inch Dia can be manufactured against request.

5. **Plating** : No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.

6. For Hex Bolt/Screws BSW, above prices will apply.

7. Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Hex Nuts - ISO 4032 - Class 10

Size (mm)	Grade	Part No.	₹ Price/100 pcs	Pcs. Per Box	Pcs. Per Carton
M4 X 0.7	8	793230	91	1000	18000
M5 X 0.8	8	793201	113	700	12600
M6 X 1	8	550303	153	500	9000
M8 X 1.25	8	550304	209	200	2400
M10 X 1.5	8	550305	404	200	2400
M12 X 1.75	8	550306	631	200	1600
M16 X 2	8	550307	1,310	100	800
M6 X 1	10	170619	182	500	9000
M8 X 1.25	10	170620	239	200	2400
M10 X 1.5	10	170621	461	200	2400
(M12) X 1.5	10	170623	718	200	2400
M12 X 1.75	10	170622	718	200	2400
(M14) X 1.5	10	170625	1,206	100	800
M14 X 2	10	170626	1,206	100	800
M16 X 2	10	170627	1,580	100	800
(M18) X1.5	10	170629	2,372	100	600
M18 X 2.5	10	170630	2,372	100	600
(M20)X 1.5	10	170631	3,037	50	300
M20 X 2.5	10	170632	3,037	50	300
M22 X 2.5	10	170633	4,134	50	200
M24 X 3	10	170634	5,221	50	200
M27 X 3	10	170635	8,430	25	150
M30 X 3.5	10	170636	12,139	25	150
M33 X 3.5	10	170637	16,700	10	80
M36 X 4	10	170638	21,557	10	80
M39 X 4	10	170639	29,404	10	40
M42 X 4.5	10	170640	36,117	10	40
M45 X 4.5	10	170641	43,148	10	40
M48 X 5	10	170642	51,983	10	40
M52 X 5	10	170643	61,548	4	16
M56 X 5.5	10	170644	79,554	4	16
M60 X 5.5	10	550301	149,161	3	12
M64 X 6	10	170645	159,106	3	12
M72 X 6	10	550302	284,865	2	8

1. **Specifications** : Nuts with Metric Threads IS 1364, ISO 4032

2. **Threads** : ISO Metric 6H as per IS 4218, ISO 261, ISO 965.

3. **Material Mechanical Properties** : Property Class as tabulated as per IS 1367, ISO 898, Part-II.

4. **Note** : Size in brackets are non-preferred standards.

5. **Plating** : No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.

6. Nuts as per DIN934 will be manufactured against specific order with minimum order quantity of each size

7. Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Hex Nuts

Size	Grade	Part No	₹ Price/100 pcs	Pcs. Per Box	Pcs. Per Carton
1/4	8	170646	167	500	9000
5/16	8	170647	231	500	9000
3/8	8	170648	333	200	2400
7/16	8	170658	760	200	1600
1/2	8	170649	760	200	1600
5/8	8	170650	1,580	200	1600
3/4	8	170651	2,785	50	400
7/8	8	170652	3,753	50	200
1	8	170653	5,898	50	200
1-1/8	8	170654	8,329	25	150
1-1/4	8	170655	11,815	25	100
1-3/8	8	170656	15,090	25	100
1-1/2	8	170657	20,523	10	40

- Specifications :** For Nuts with UNC Threads : (ANSI B 18.2.2).
- Threads :** Unified Coarse, 2B As Per ANSI B1.1.
- Material Mechanical Properties :** Grade as tabulated as per SAE J 995.
- Plating :** No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.
- Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Nylock Nut (ISO 7040 Grade-8) Blue Ring (Duly White Zinc Plated)



Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M6	630448	179	500	9000
M8	630449	321	200	2400
M10	630450	709	200	2400
M12	630451	1,015	200	2400
M12X1.5	630452	1,077	200	2400
M14	630453	1,651	100	800
M16	630454	2,136	100	800
M16X1.5	630455	2,187	100	800
M20	630456	4,335	50	300
M20X1.5	630457	4,639	50	300

Nylock Nut (ISO 7040 Grade-10) Blue Ring (Duly White Zinc Plated)



Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M10	630458	819	200	2400
M12	630459	1,183	200	2400
M16	630460	2,446	100	800
M16 X1.5	630461	2,545	100	800
M20	630462	4,599	50	300
M24	630463	10,235	50	200



Nylock Nut Din 985,
(ISO 10511 Grade-8) Blue Ring
(Duly White Zinc Plated)



Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M6	290001	124	500	9000
M8	290002	246	200	2400
M10	290003	535	200	2400
M12	290004	783	200	2400
M12 X1.5	290005	841	200	2400
M14	290006	1,287	100	800
M16	560957	1,732	100	800
M16X1.5	630379	1,773	100	800
M20	630380	3,738	50	300
M20 X1.5	630381	3,999	50	300

Nylock Nut Din 985,
(ISO 10511 Grade-10) Blue Ring
(Duly White Zinc Plated)



Size (mm)	Part No.	₹ Price/ 100 Pcs.	Pcs. Per Box	Pcs. Per Carton
M10	630305	633	200	2400
M12	630306	935	200	2400
M16	290007	1,994	100	800
M16 X 1.5	290008	2,061	100	800
M20	290009	3,970	50	300
M24	290010	8,071	50	200



All Metal Prevailing Torque Nut
DIN 980M, Grade-10 (metal insert)
(Duly White Zinc Plated)

Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M6	815003	1,126	500	9000
M8	815004	1,251	200	2400
M10	815005	1,389	200	2400
M12	815006	2,024	200	2400
M14	815013	3,066	100	800
M16	814419	4,048	100	800
M20	814420	8,487	50	300
M22	815007	12,144	50	300
M24	814421	18,355	50	300



All Metal Prevailing Torque Nut
DIN 980V / ISO7042, Grade-10
(Duly White Zinc Plated)

Size (mm)	Part No. DIN	Part No. ISO	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M6	796311		398	500	9000
M8	796314		772	200	2400
M10	816933	796315	1,343	200	2400
M12	816934	796313	2,122	200	2400
M16	796312		4,025	100	800
M20	796310		7,744	50	300
M24	787170		14,648	50	300

1. Plating : No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.



Spring Washer - Square Section

Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton	Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
3MM	171758	14	2000	160000	18MM	171767	220	100	2400
4MM	171759	17	2000	90000	20MM	171768	407	100	1500
5MM	171760	20	2000	48000	22MM	171769	456	50	1000
6MM	171761	22	1000	30000	24MM	171770	606	50	1200
8MM	171762	38	1000	24000	27MM	171771	695	50	700
10MM	171763	67	500	12000	30MM	171772	1,075	50	500
12MM	171764	80	500	7000	33MM	171773	1,266	25	400
14MM	171765	133	200	4800	36MM	171774	1,841	25	350
16MM	171766	199	100	3000	39MM	171775	1,992	25	250



1. **Specifications** : Generally conforming to IS 6735/1972 & DIN 7980

Spring Washer - Flat Section

Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton	Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
3MM	171776	14	2000	140000	18MM	171785	354	100	1800
4MM	171777	16	2000	120000	20MM	171786	506	100	1400
5MM	171778	21	2000	60000	22MM	171787	573	50	800
6MM	171779	37	1000	32000	24MM	171788	856	50	700
8MM	171780	60	1000	14000	27MM	171789	954	50	700
10MM	171781	87	500	7000	30MM	171790	1,541	50	500
12MM	171782	130	500	5000	33MM	171791	2,465	25	200
14MM	171783	201	200	3200	36MM	171792	2,581	25	350
16MM	171784	305	100	3000	39MM	171793	2,709	25	250



1. **Specifications** : Generally conforming to DIN 127 B, IS 3063 & BS 4464

Hardened Washer for 10.g Bolts

Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M12	551111	489	500	4000
M16	551112	855	200	1600
M20	551113	1,296	100	800
M22	631368	1,562	100	800
M24	551114	1,829	100	600
M27	630476	3,067	100	400
M30	630477	3,834	100	400
M36	796066	6,250	100	400



1. **Specifications** : Generally conforming to 300HV - 370HV. For Unbrako Hardened Washer 10.9 Bolts

2. **Plating** : No guarantee can be given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.

3. Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.



Hexagon Weld Nut

Size (mm)	Part No.	₹ Price/ 100 pcs	Pcs. Per Box	Pcs. Per Carton
M6	136004	140	500	9000
M8	136001	266	200	2400
M10	136002	490	200	2400
M12	136003	697	200	1600

- 1. Specifications :** Generally conforming to DIN 929. Grade 6
- 2. Plating :** No guarantee can given for Unbrako products which are plated by users or by outside plates, who may not have considered hydrogen embrittlement problem.
- 3.** Products can be supplied with Hot Dip Galvanized and Electro Galvanized Plating. Prices available on request.
- 4.** No head marking.