

A VENTURE OF
PELICAN ROTOFLEX

PELICAN
ENGITECH PRIVATE LIMITED

SOCKET & HEX PRODUCTS - STANDARD APPLICATION



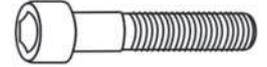
Retail Price List
Effective 1st Feb. 2023 - Amendment-1

EBROTM
Precision & High Quality Fasteners

PRODUCT OFFERING | BOLTS & NUTS

PRODUCT	PRODUCT DESCRIPTION	DIMENSIONAL STANDARDS	SIZE (DIAMETER)	LENGTH
	SOCKET HEAD CAP SCREW	IS: 2269, DIN 912, ISO: 4762	M3 - M16	UPTO 150 MM
	SOCKET LOW HEAD CAP SCREW	DIN 6912 / 7984	M3 - M16	UPTO 150 MM
	SOCKET COUNTERSUNK HEAD CAP SCREW	IS: 6761, DIN 7991, ISO: 10642	M3 - M16	UPTO 100 MM
	SOCKET BUTTON HEAD CAP SCREW	ISO: 7380	M3 - M16	UPTO 50 MM
	SOCKET HEAD SHOULDER SCREW	DIN 9841, ISO: 7379	M3 - M16	UPTO 150 MM
	CARRIAGE BOLT / SQUARE NECK BOLT	DIN 603 / 604 / 608, ISO: 8677	M4 - M16	UPTO 150 MM
	HEX FLANGE BOLT / SCREW	DIN 6921, ISO: 4162	M4 - M16	UPTO 150 MM
	HEX HEAD BOLT & SCREW	IS: 1364, DIN 931 / 933, ISO: 4014 / 4017	M4 - M16	UPTO 150 MM
	STUD BOLT	DIN 976	M3 - M16	UPTO 150 MM
	GRUB SCREW / SOCKET SET SCREW	ISO 4029	M4 - M16	UPTO 80 MM
	HEX NUT	IS: 1364, DIN 934, ISO: 4032	M3 - M16	-
	NYLOCK NUT	DIN 985, ISO: 7040	M3 - M16	-
	FLANGE NUT	DIN 6923	M3 - M16	-

Socket Head Cap Screw Metric Series M3-M16

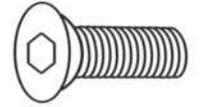


RECOMMENDED RETAIL PRICE IN RUPEES PER 100 PIECES

Diameter Length	M3	M4	M5	M6	M8	M10	M12	M14	M16
6 mm	₹ 766	₹ 647	₹ 706	₹ 745					
8 mm	₹ 622	₹ 540	₹ 484	₹ 457	₹ 787				
10 mm	₹ 534	₹ 415	₹ 393	₹ 415	₹ 808	₹ 1,353			
12 mm	₹ 550	₹ 443	₹ 405	₹ 433	₹ 779	₹ 1,285			
16 mm	₹ 518	₹ 428	₹ 424	₹ 476	₹ 804	₹ 1,299	₹ 2,408		
20 mm	₹ 545	₹ 466	₹ 456	₹ 520	₹ 851	₹ 1,287	₹ 2,213	₹ 6,455	₹ 4,704
25 mm	₹ 573	₹ 516	₹ 493	₹ 569	₹ 924	₹ 1,417	₹ 2,484	₹ 5,329	₹ 5,154
30 mm	₹ 753	₹ 659	₹ 544	₹ 625	₹ 1,018	₹ 1,531	₹ 2,511	₹ 5,438	₹ 5,759
35 mm	₹ 975	₹ 672	₹ 594	₹ 699	₹ 1,098	₹ 1,660	₹ 2,699	₹ 5,520	₹ 5,606
40 mm	₹ 1,035	₹ 798	₹ 644	₹ 767	₹ 1,217	₹ 1,779	₹ 2,885	₹ 5,546	₹ 5,724
45 mm		₹ 860	₹ 682	₹ 841	₹ 1,324	₹ 1,934	₹ 3,066	₹ 5,940	₹ 6,064
50 mm		₹ 1,085	₹ 732	₹ 890	₹ 1,419	₹ 2,090	₹ 3,279	₹ 5,882	₹ 6,471
55 mm		₹ 1,504	₹ 917	₹ 958	₹ 1,521	₹ 2,277	₹ 3,456	₹ 6,248	₹ 6,512
60 mm		₹ 1,889	₹ 969	₹ 1,105	₹ 1,631	₹ 2,466	₹ 3,709	₹ 6,687	₹ 6,869
65 mm		₹ 1,972	₹ 1,013	₹ 1,178	₹ 1,726	₹ 2,712	₹ 3,909	₹ 6,819	₹ 7,378
70 mm		₹ 2,407	₹ 1,058	₹ 1,252	₹ 1,833	₹ 2,875	₹ 4,173	₹ 7,588	₹ 7,896
75 mm		₹ 2,869	₹ 1,747	₹ 1,332	₹ 1,941	₹ 3,023	₹ 4,504	₹ 7,954	₹ 8,274
80 mm			₹ 1,989	₹ 1,607	₹ 2,231	₹ 3,397	₹ 4,715	₹ 8,466	₹ 8,706
90 mm			₹ 2,152	₹ 1,753	₹ 2,562	₹ 3,751	₹ 5,188	₹ 8,913	₹ 9,388
100 mm			₹ 2,428	₹ 1,861	₹ 2,924	₹ 4,105	₹ 5,649	₹ 10,223	₹ 10,381
110 mm				₹ 2,101	₹ 3,141	₹ 4,443	₹ 6,424	₹ 11,985	₹ 11,353
120 mm				₹ 2,186	₹ 3,537	₹ 5,221	₹ 7,210	₹ 12,931	₹ 12,215
130 mm				₹ 2,286	₹ 3,798	₹ 5,620	₹ 8,412	₹ 14,868	₹ 13,564
140 mm				₹ 4,283	₹ 4,051	₹ 5,975	₹ 9,013	₹ 15,922	₹ 14,385
150 mm				₹ 4,530	₹ 4,264	₹ 6,356	₹ 9,582	₹ 15,807	₹ 15,257
Qty. Per Box		200		100	50	25		10	
Hexagon Key	2.5	3	4	5	6	8	10	12	14

- Specification : Generally conforming to IS 2269, DIN 912, ISO 4762.
- Threads : 12.9 Grade 5g6g as per IS 4218, ISO 965-2, ISO 965-3.
- Material : For 12.9 **EBRO** Special Grade Alloy Steel.
For 8.8 & 10.9 Low Carbon Boron Steel, Medium Carbon Steel, Medium Carbon Boron Steel, Special Alloy Steel.
- Mechanical Properties : 8.8, 10.9, 12.9 as per ISO 898-1, IS 1367
- Surface Finish : Manganese Coating with Rust Preventive Oil (Black Colour)
No guarantee can be given for **EBRO** products which are plated by user or outside platers, who may not have considered hydrogen embrittlement problem.
- Note : Shaded sizes are full threaded, beyond shaded sizes are available in half thread and full thread both.

Socket Countersunk Head Cap Screw Metric Series M3-M16



RECOMMENDED RETAIL PRICE IN RUPEES PER 100 PIECES

Diameter Length	M3	M4	M5	M6	M8	M10	M12	M16
6 mm	₹ 805							
8 mm	₹ 831	₹ 434	₹ 570	₹ 635				
10 mm	₹ 865	₹ 389	₹ 306	₹ 464				
12 mm	₹ 906	₹ 353	₹ 335	₹ 388	₹ 647	₹ 996		
16 mm	₹ 973	₹ 458	₹ 451	₹ 454	₹ 700	₹ 1,100		
20 mm	₹ 1,065	₹ 510	₹ 508	₹ 520	₹ 787	₹ 1,036	₹ 1,822	
25 mm	₹ 1,177	₹ 644	₹ 565	₹ 569	₹ 893	₹ 1,218	₹ 2,065	
30 mm		₹ 648	₹ 634	₹ 643	₹ 986	₹ 1,418	₹ 2,305	₹ 4,228
35 mm		₹ 816	₹ 1,081	₹ 762	₹ 1,099	₹ 1,565	₹ 2,683	₹ 4,663
40 mm		₹ 896	₹ 1,204	₹ 989	₹ 1,291	₹ 1,706	₹ 2,923	₹ 5,098
45 mm		₹ 1,017	₹ 1,305	₹ 1,607	₹ 1,491	₹ 1,937	₹ 3,162	₹ 5,533
50 mm		₹ 1,137	₹ 1,642	₹ 1,800	₹ 1,936	₹ 2,181	₹ 3,656	₹ 5,968
55 mm					₹ 2,304	₹ 2,340	₹ 3,770	₹ 6,402
60 mm						₹ 2,692	₹ 4,164	₹ 6,837
65 mm							₹ 4,561	₹ 7,538
70 mm							₹ 5,151	₹ 7,707
75 mm							₹ 5,495	₹ 8,142
80 mm							₹ 5,781	₹ 8,576
90 mm							₹ 7,193	₹ 10,122
100 mm							₹ 7,930	₹ 11,059
Qty. Per Box			200			100	50	10
Hexagon Key	2	2.5	3	4	5	6	8	10

Specification : Generally conforming to IS 6761, DIN 7991, ISO 10642.

Threads : 12.9 Grade 5g6g as per IS 4218, ISO 965-2, ISO 965-3.

Material : For 12.9 **EBRO** Special Grade Alloy Steel.

For 8.8 & 10.9 Low Carbon Boron Steel, Medium Carbon Steel, Medium Carbon Boron Steel, Special Alloy Steel.

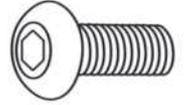
Mechanical Properties : 8.8, 10.9, 12.9 as per ISO 898-1, IS 1367

Surface Finish : Manganese Coating with Rust Preventive Oil (Black Colour)

No guarantee can be given for **EBRO** products which are plated by user or outside platers, who may not have considered hydrogen embrittlement problem.

Note : All sizes are full threaded.

Socket Button Head Cap Screw Metric Series M3-M10



RECOMMENDED RETAIL PRICE IN RUPEES PER 100 PIECES

Diameter \ Length	M3	M4	M5	M6	M8	M10
6 mm	₹ 550	₹ 388	₹ 611			
8 mm	₹ 648	₹ 413	₹ 612	₹ 699		
10 mm	₹ 723	₹ 439	₹ 507	₹ 505	₹ 863	
12 mm	₹ 744	₹ 465	₹ 541	₹ 459	₹ 701	
16 mm	₹ 884	₹ 517	₹ 610	₹ 520	₹ 724	₹ 1,084
20 mm	₹ 1,147	₹ 614	₹ 544	₹ 579	₹ 833	₹ 1,260
25 mm	₹ 1,326	₹ 685	₹ 672	₹ 654	₹ 934	₹ 1,285
30 mm		₹ 753	₹ 851	₹ 858	₹ 1,074	₹ 1,553
35 mm			₹ 936	₹ 947	₹ 1,178	₹ 1,703
40 mm			₹ 1,226	₹ 1,035	₹ 1,380	₹ 1,853
45 mm			₹ 1,348	₹ 1,124	₹ 1,704	₹ 2,003
50 mm					₹ 1,831	₹ 2,246
55 mm						
60 mm						
65 mm						
70 mm						
75 mm						
80 mm						
90 mm						
100 mm						
Qty. Per Box			200			100
Hexagon Key	2	2.5	3	4	5	6

Specification : Generally conforming to ISO 7380-1.

Threads : 12.9 Grade 5g6g as per IS 4218, ISO 965-2, ISO 965-3.

Material : For 12.9 **EBRO** Special Grade Alloy Steel.

For 8.8 & 10.9 Low Carbon Boron Steel, Medium Carbon Steel, Medium Carbon Boron Steel, Special Alloy Steel.

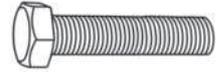
Mechanical Properties : 8.8, 10.9, 12.9 as per ISO 898-1, IS 1367

Surface Finish : Manganese Coating with Rust Preventive Oil (Black Colour)

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Note : All sizes are full threaded.

Hex Head Screw Metric Series M4-M16



RECOMMENDED RETAIL PRICE IN RUPEES PER 100 PIECES

Diameter Length	M4	M5	M6	M8	M10	M12	M14	M16
8 mm	₹ 348	₹ 244	₹ 559	₹ 638				
10 mm	₹ 308	₹ 255	₹ 327	₹ 633				
12 mm	₹ 295	₹ 272	₹ 342	₹ 660	₹ 1,105			
16 mm	₹ 366	₹ 301	₹ 379	₹ 677	₹ 1,199	₹ 1,919		
20 mm	₹ 352	₹ 329	₹ 416	₹ 616	₹ 1,161	₹ 1,874	₹ 3,399	₹ 4,238
25 mm	₹ 404	₹ 386	₹ 458	₹ 698	₹ 1,232	₹ 1,962	₹ 3,251	₹ 4,118
30 mm	₹ 439	₹ 425	₹ 529	₹ 769	₹ 1,332	₹ 2,064	₹ 3,321	₹ 4,374
35 mm	₹ 437	₹ 471	₹ 584	₹ 847	₹ 1,405	₹ 2,174	₹ 3,501	₹ 4,612
40 mm	₹ 470	₹ 516	₹ 627	₹ 932	₹ 1,725	₹ 2,201	₹ 3,636	₹ 4,794
45 mm	₹ 557	₹ 561	₹ 672	₹ 1,011	₹ 1,666	₹ 2,684	₹ 3,488	₹ 5,121
50 mm	₹ 591	₹ 601	₹ 719	₹ 1,094	₹ 1,790	₹ 2,891	₹ 3,889	₹ 5,400
55 mm	₹ 676	₹ 801	₹ 786	₹ 1,236	₹ 2,090	₹ 3,031	₹ 4,683	₹ 5,814
60 mm	₹ 711	₹ 850	₹ 850	₹ 1,416	₹ 2,237	₹ 3,218	₹ 4,559	₹ 6,243
65 mm	₹ 907	₹ 936	₹ 917	₹ 1,471	₹ 2,374	₹ 3,365	₹ 5,097	₹ 6,593
70 mm	₹ 1,229	₹ 1,026	₹ 970	₹ 1,563	₹ 2,536	₹ 3,699	₹ 5,498	₹ 6,963
75 mm	₹ 1,285	₹ 1,078	₹ 1,014	₹ 1,643	₹ 2,698	₹ 3,890	₹ 5,813	₹ 7,480
80 mm		₹ 1,820	₹ 1,080	₹ 1,799	₹ 2,986	₹ 4,099	₹ 6,102	₹ 7,859
90 mm		₹ 2,221	₹ 1,270	₹ 2,187	₹ 3,279	₹ 4,506	₹ 6,649	₹ 8,615
100 mm		₹ 2,402	₹ 1,379	₹ 2,407	₹ 3,644	₹ 5,105	₹ 7,374	₹ 9,325
110 mm			₹ 1,796	₹ 2,610	₹ 3,952	₹ 5,673	₹ 8,002	₹ 10,082
120 mm			₹ 2,080	₹ 2,821	₹ 4,376	₹ 6,120	₹ 8,813	₹ 11,163
130 mm			₹ 2,303	₹ 3,258	₹ 4,907	₹ 6,567	₹ 9,319	₹ 12,546
140 mm			₹ 2,449	₹ 3,739	₹ 5,248	₹ 7,296	₹ 11,444	₹ 13,379
150 mm			₹ 2,594	₹ 4,136	₹ 6,056	₹ 7,747	₹ 13,649	₹ 14,211
Qty. Per Box	200		100	50		20		
Hexagon Spanner	7	8	10	13	16	18	21	24

Specification : Generally conforming to IS 1364, ISO 4014/4017.

Threads : ISO Metric 6g as per IS 4218.

Material & Mechanical : Property Class 10.9 as per ISO 898-1, IS 1367

Properties

Surface Finish : Manganese Coating with Rust Preventive Oil (Black Colour)

No guarantee can be given for **EBRO** products which are plated by user or outside platers, who may not have considered hydrogen embrittlement problem.

Note : Shaded sizes are full threaded, beyond shaded sizes are available in half thread and full thread both.

* Bolts / Screws as per DIN 931 / 933 will be manufactured against specific order with minimum order quantity of each size.

* 12.9 Grade price will be based on enquiry.

Hex Nut Metric Series M3-M16



RECOMMENDED RETAIL PRICE IN RUPEES PER 100 PIECES

Size & Pitch	M3 X 0.5p	M4 X 0.7p	M5 X 0.8p	M6 X 1p	M8 X 1.25p	M10 X 1.5p	M12 X 1.75p	M14 X 2p	M16 X 2p
Grade	Grade : 8	Grade : 8	Grade : 8	Grade : 8	Grade : 8				
Price per 100 pieces	₹99	₹92	₹103	₹160	₹238	₹443	₹737	₹1,329	₹1,548
Qty. Per Box	1,000	1,000	1,000	1,000	500	200	200	100	100

Specification : Nuts with Metric Threads IS 1364, ISO 4032.

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

Material & Mechanical : Property Class Grade 8 as per IS 1367, ISO 898-2.

Properties

Surface Finish : Manganese Coating with Rust Preventive Oil (Black Colour)

No guarantee can be given for **EBRO** products which are plated by user or outside platers, who may not have considered hydrogen embrittlement problem.

Note : Nuts as per DIN 934 will be manufactured against specific order with minimum order quantity of each size.

QUALITY CONTROL



All the Fasteners produced are passed through stringent **Quality Control Processes**. The policy of Pelican Engitech is to continuously meet and exceed our customer requirements and expectations in a safe environment.

Stringent Q.C. measures for precise and superior **QUALITY**.

Only Products which have passed all the relevant quality checks are marked for delivery.



For consistent quality, we have harnessed several high accuracy instruments which include Spectrometer, Torque Tension Meter, Hardness Tester, Universal Tensile Strength Tester, Profile Projector, Metallurgical Lab etc.

“Quality is to give the customers what they want”.

We work with those suppliers who share our commitment to quality, on-time delivery and continuous improvement in our product to make us competitive.

PELICAN

ENGITECH PRIVATE LIMITED

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We look forward to commencing business with your esteemed organization. Thanking you and assuring best of our services at all times.

