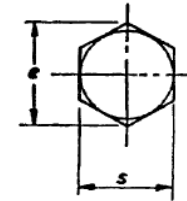
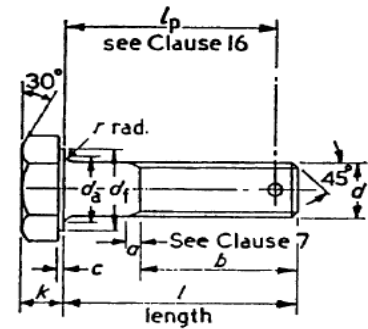




## Hexagon head bolts and screws



### ISO metric precision hexagon head bolt and screw

Specifications and International Standards: BS 3692 : 2001

Mechanical Properties - property class: Grade 8.8 steel

Mechanical Properties - international standard: ISO 898-1

Surface finish: electroplating ISO 4042 (G3692)

Surface finish: hot dip galvanized ISO 1461 (H3692)

#### Dimensions in millimetres

d (thread)	M5	M6	M8	M10	M12
s (head width) min.	7.85	9.78	12.73	16.73	18.67
s (head width) max.	8	10	13	17	19
e (head width) min.	8.87	11.05	14.38	18.9	21.1
e (head width) max.	9.2	11.5	15	19.6	21.9
k (head height) min.	3.35	3.85	5.35	6.82	7.82
k (head height) max.	3.65	4.15	5.65	7.18	8.18
<b>Pitch</b>	0.8	1	1.25	1.5	1.75

#### Dimensions in millimetres

d (thread)	M16	M20	M24	M27	M30
s (head width) min.	23.67	29.67	35.38	40.38	45.38
s (head width) max.	24	30	36	41	46
e (head width) min.	26.75	33.53	39.98	45.63	51.28
e (head width) max.	27	34.6	41.98	47.3	53.1
k (head height) min.	9.82	12.785	14.785	16.785	18.74
k (head height) max.	10.18	13.215	15.215	17.215	19.26
<b>Pitch</b>	2	2.5	3	3	3.5

Details refer to standard specification

#### Basis for standard thread lengths

Norminal length of bolt ( <i>l</i> )	Length of thread ( <i>d</i> )
Up to and including 125mm	2d + 6mm
Over 125mm up to and including 200mm	2d + 12mm
Over 200mm	2d + 25mm

example: Hot dip galvanized M24 x 110mm

Order designation: H3692 + article no. (example: H3692-24110)

**example:**         d x L                 article no.          
M24 x 110                      24110

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