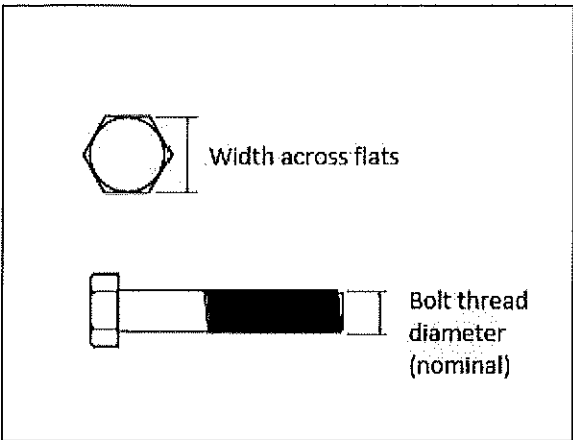


Applicable bolt thread diameters and width across flats

Bolt thread
diameter
(nominal)

Width across flats of bolt/nut	Nominal thread diameter * {} indicates former JIS size.			
	Metric thread		Whitworth thread	
	Normal	Small	High strength	Normal
6	M3.5			
7	M4			
8	M5			
10	M6			W1/4
11	M7			
12		M8		
13	M8			
14	(M8)	M10		W5/16
16	M10			
17	(M10)	M12		W3/8
18	M12			
19	(M12)	M14		W7/16
21	M14			W1/2
22	(M14)	M16	M12	
24	M16	M18		
26	(M16)			W5/8
27	M18	M20	M16	
29	(M18)			
30	M20	M22		
32	(M20)	M24	M20	
34	M22			W7/8
35	(M22)			
36	M24	M27	M22	
38	(M24)			
41	M27	M30	M24	W1
46	M30	M33	M27	W1 1/8
Joints, unions, cap nuts, etc. with 48 mm width across flats				
Joints, unions, cap nuts, etc. with 49 mm width across flats				