



Size	Body Diameter (On Bolts) Ds		Width Across Flats s		Head Thickness k		Across Corners e
	Max.	Min.	Max.	Min.	Max.	Min.	Min.
M6	6.48	5.52	10.0	9.64	4.38	3.62	10.89
M8	8.58	7.42	13.0	12.57	5.68	4.92	14.20
M10	10.58	9.42	16.0	15.57	6.85	5.95	17.59
M12	12.70	11.30	18.0	17.57	7.95	7.05	19.85
M16	16.70	15.30	24.0	23.16	10.75	9.25	26.17
M20	20.84	19.16	30.0	29.16	13.40	11.60	32.95
M24	24.84	23.16	36.0	35.00	15.90	14.10	39.55
M30	30.84	29.16	46.0	45.00	19.75	17.65	50.85
M36	37.00	35.00	55.0	53.80	23.55	21.45	60.79

All dimensions in millimetres

*l* = length when ordering

**Standard thread lengths for bolts. Screws are threaded to head**

Nominal Length of Bolt <i>l</i>	Minimum Length of Thread <i>b</i>
Up to and including 125mm	2D + 6
Over 125mm up to and including 200mm	2D + 12
Over 200mm	2D + 12

**Blacks Fasteners special grade 4.8 galvanised bolts / nuts only**

All dimensions to as 1111 bar thread length

100mm to 150mm, 10mm extra thread added

150mm & over ½ the length in thread (please check stock if required)