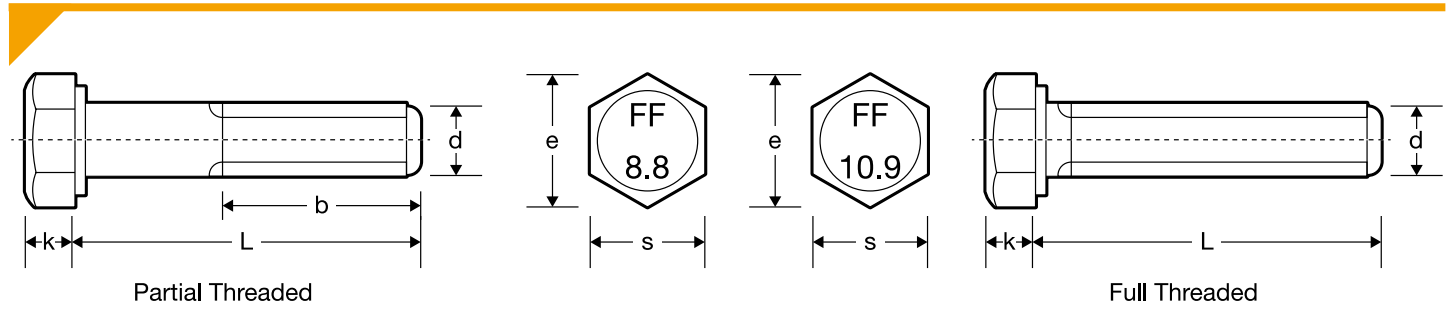


Hexagon Head Bolt

Grade 8.8 / 10.9 (Steel)



Material:	BS EN ISO 898 Part 1:2009	Items No:	
Specification:	BS 3692:2001 (Compatible with BS 4190)	Partial Threaded	Full Threaded
Finish / Coating:	Grade 8.8 Hot dip galvanized to BS EN ISO 1461:2009	413	403
	Grade 8.8 Zinc plated to ISO 4042:1999	414	404
	Grade 8.8 Black Finish	415	405
	Grade 10.9 Hot dip galvanized to BS EN ISO 1461:2009	433	423
	Grade 10.9 Zinc plated to ISO 4042:1999	434	424
	Grade 10.9 Black Finish	435	425

H.D.G. Hex Bolt (Partial Threaded)

Ordering Example

Item No	Diameter	Length
4 1 3	0 1 6	0 0 6 0

d (diameter)	M6	M8	M10	M12	M16	M20	M22	M24	M27	M30	M33	M36	M39	M42
Thread Pitch / mm	1	1.25	1.5	1.75	2	2.5	2.5	3	3	3.5	3.5	4	4	4.5
b (L ≤ 125) / mm	18	22	26	30	38	46	50	54	60	66	72	78	84	90
b (125 < L ≤ 200) / mm	-	-	32	36	44	52	56	60	66	72	78	84	90	96
b (L > 200) / mm	-	-	-	-	57	65	69	73	79	85	91	97	103	109
k (Head height) / mm	3.85 4.15	5.35 5.65	6.82 7.18	7.82 8.18	9.82 10.18	12.785 13.215	13.785 14.215	14.785 15.215	16.785 17.215	18.74 19.26	20.74 21.26	22.74 23.26	24.74 25.26	25.74 26.26
s (width across flats) / mm	9.78 10.0	12.73 13.0	16.73 17.0	18.67 19.0	23.67 24.0	29.67 30.0	31.61 32.0	35.38 36.0	40.38 41.0	45.38 46.0	49.38 50.0	54.26 55.0	59.26 60.0	64.26 65.0
e (width across corners) / mm	11.05 11.5	14.38 15.0	18.9 19.6	21.1 21.9	26.75 27.7	33.53 34.6	35.72 36.9	39.98 41.6	45.63 47.3	51.28 53.1	55.8 57.7	61.31 63.5	66.96 69.3	72.61 75.1
Wrench size for Hex. Head Bolt	#10	#13	#17	#19	#24	#30	#32	#36	#41	#46	#50	#55	#60	#65