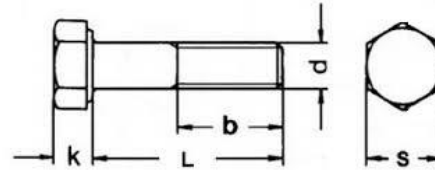


**EN 15048-1 Assembled Hexagon Bolt-Nut & Washer  
Non Pre-Loaded**

CE APPROVED



EN 15048-1 Assembled CE Approved Hexagon Bolt-Nut & Washer											
d	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
k	7.5	8.8	10	11.5	12.5	14	15	17	18.7	20.5	22.5
b < 125	30	34	38	42	46	50	54	60	66	72	78
b 125-200	36	40	44	48	52	56	60	66	72	78	84
b >200	49	53	57	61	65	69	73	79	85	91	97
S	19	22	24	27	30	34	36	41	46	50	55

Available Lengths On Request



*Finish: Galvanised*  
*EN 15048-1 ISO 4014*  
*Assembled*  
*Hexagon Head Grade 8.8 Bolt*  
*Complete With Grade 10 Nut & Washer*

INFORMATION AND DRAWINGS PROVIDED ARE FOR REFERENCE ONLY