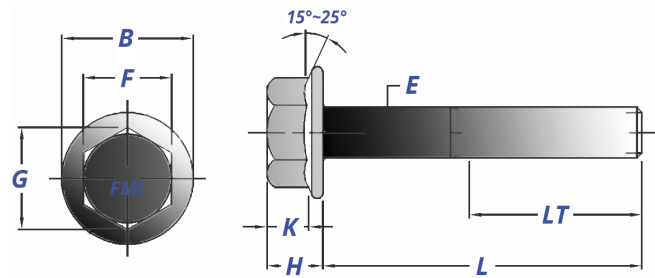


Metric Hex Flange Bolt (DIN 6921): Dimensions & Specifications



Metric Hex Flange Bolt (DIN 6921) (ANSI B1.1 UNC, UNF) | Units: mm

Nominal Size of Screw	Width Across Flats (F)		Width Across Corners (G)	Flange Diameter (B)	Body Diameter (E)		Head Height (H)	Hex Height (K)	Thread Length (LT)
	Max	Min	Min	Max	Max	Min	Max	Min	Basic
M5	8.00	7.78	8.71	11.80	5.00	4.82	5.40	2.80	16.00
M6	10.00	9.78	10.95	14.20	6.00	5.82	6.60	3.40	18.00
M8	13.00	12.73	14.26	18.00	8.00	7.78	8.10	4.20	22.00
M10	15.00	14.73	16.50	22.30	10.00	9.78	9.20	5.70	26.00
M12	16.00	15.73	17.62	26.60	12.00	11.73	11.50	6.10	30.00
M14	18.00	17.73	19.86	30.50	14.00	13.73	12.80	7.10	34.00
M16	21.00	20.67	23.15	35.00	16.00	15.73	14.40	8.70	38.00

DIN 6921 Class 8.8	DIN 6921 Class 8.8	DIN 6921 Class 12.9
Material: 10B21/AISI 1035	Material: Alloy Steel AISI 4135	Material: Alloy Steel AISI 4135
Tensile Strength: Min 800 MPa	Tensile Strength: Min 1040 MPa	Tensile Strength: Min 1220 MPa
Core Hardness: HRC 22-32	Core Hardness: HRC 32-39	Core Hardness: HRC 39-44
Class of Thread: M5 through M16, 6g	Class of Thread: M5 through M16, 6g	Class of Thread: M5 through M16, 6g