

*Disclaimer: Images are for illustrative purposes.*

## Hex Flange Bolt

**Thread Type:** UNC / BSW - Coarse

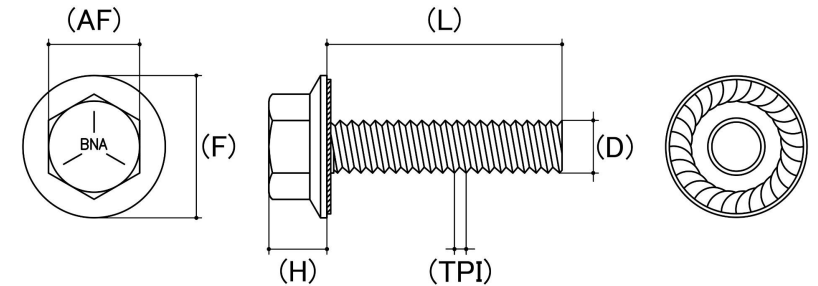
**Thread Direction:** Right Hand

**Material:** Carbon Steel

**Class / Grade:** High Tensile Grade 5 & 8

**Corrosion Protection Level:** Moderate

**Standard:** IFI 111



Size	Thread Pitch (TPI)	Thread Type	Product Diameter (D) (mm)		Head Height (H) (mm)		Flange Diameter (F) (mm)		Across Flats (AF) (mm)		Spanner Size (AF) (inches)	Grade	sku (Part Number)
			Min	Max	Min	Max	Min	Max	Min	Max			
1/4"	20 TPI	Coarse	6.15	6.33	6.60	7.12	13.40	14.10	9.33	9.53	3/8"	Zinc Plated	51HFLC14
5/16"	18 TPI	Coarse	7.78	7.93	7.60	8.00	16.60	17.10	12.30	12.70	1/2"	Zinc Plated	51HFLC516
3/8"	16 TPI	Coarse	9.38	9.53	9.20	9.80	19.70	20.40	13.82	14.28	9/16"	Zinc Plated	51HFLC38
7/16"	14 TPI	Coarse	10.93	11.13	11.00	11.45	22.70	23.30	15.54	15.88	5/8"	Zinc Plated	51HFLC716
1/2"	13 TPI	Coarse	12.53	12.70	12.50	13.20	25.80	26.90	18.70	19.05	3/4"	Zinc Yellow	51HFLC12ZY

**Disclaimer:**

Dimensional data and technical information was obtained from publicly available sources and not acquired through standard agencies. It has been completed and compiled for reference purposes only; where discrepancies are found they are subject to change without notice. Bolt & Nut Australia makes no warranties or representations regarding the accuracy and validity of the compiled information and data. Contact the relevant standard authorities for accurate and detailed information.

© Bolt & Nut Australia Pty Ltd. All rights reserved.

Version: 17 Mar 2026