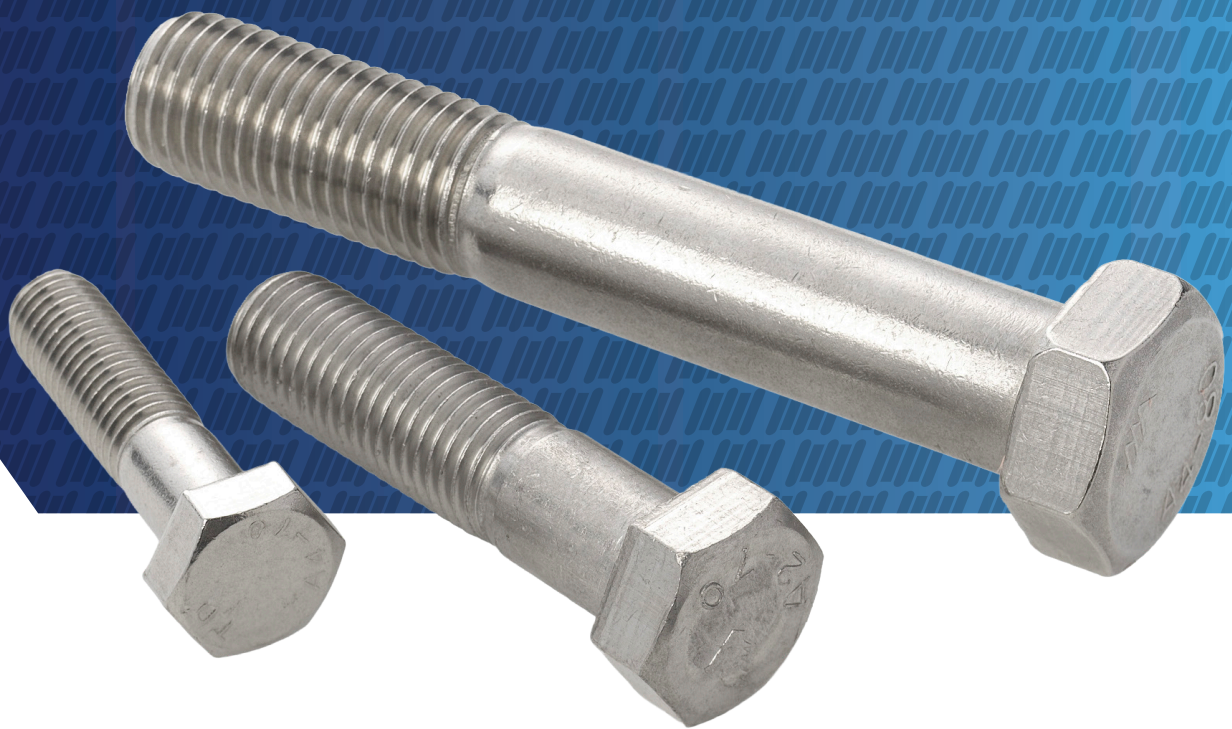


Metric Bolts Part Threaded DIN 931



DIN 931 Stainless metric bolts are engineered for strength, durability, and long-term resistance to corrosion. Manufactured in a full range of metric sizes from M5 to M36, they are ideal for demanding environments across construction, engineering, marine, food processing, and industrial applications.

Applicable Standard

- DIN 931 Metric Bolts Part Threaded
- Thread Type: ISO Metric
- Thread Pitch: Coarse

Material

- A2 Stainless Steel (304): A2/70
- A4 Stainless Steel (316): A4/70, A4/80

Sizes

M5–M52. Larger sizes subject to stock availability.

Specific Features

Hexagon head for high torque installation.

Performance

High-strength, corrosion-resistant stainless steel fasteners.

Typical Applications

- Construction and infrastructure projects
- Marine and offshore environments

- Food and beverage processing plants
- General engineering and fabrication
- Automotive and machinery assembly

Installation Notes

Anti galling measures recommended when assembling stainless steel components.

DIN 931 Hex Bolt Dimensions							
Size	Width Across Flat (s)		Head Height (k)		Thread Length (b)		
	DIN 931		DIN 931		DIN 931 Length (mm)		
	Min.	Max.	Min.	Max.	≥125	>125≥200	≥200
M5	7.78	8	3.35	3.65	16	22	–
M6	9.78	10	3.85	4.15	18	24	–
M8	12.73	13	5.15	5.45	22	28	41
M10	16.73	17	6.22	6.58	26	32	45
M12	18.67	19	7.32	7.68	30	36	49
M14	21.67	22	8.62	8.98	34	40	53
M16	23.67	24	9.82	10.2	38	44	57
M18	26.67	27	11.28	11.7	42	48	61
M20	29.67	30	12.28	12.7	46	52	65
M22	31.61	32	13.78	14.2	50	56	69
M24	35.38	36	14.78	15.2	54	60	73
M27	40	41	16.65	17.4	60	66	79
M30	45	46	18.28	19.1	66	72	85
M33	49	50	20.58	21.4	72	78	91
M36	53.8	55	22.08	22.9	78	84	97
M39	58.8	60	24.58	25.4	84	90	103
M42	63.1	65	25.58	26.4	90	96	109
M45	68.1	70	27.58	28.4	96	102	115
M48	73.1	75	29.58	30.4	102	108	121
M52	78.1	80	32.5	33.5	–	116	129