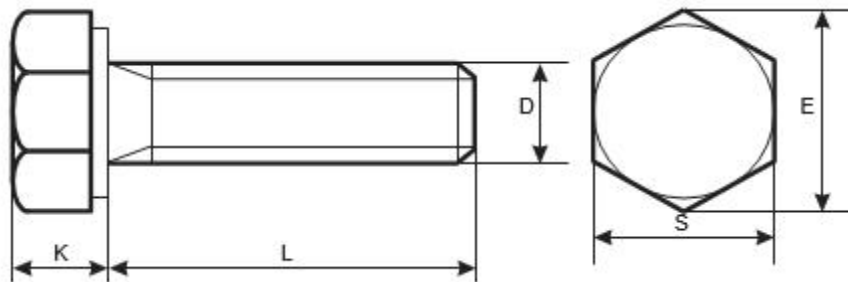


Metric DIN 933 Hexagon Head Cap Screws / Bolts Full Thread



Dimensions of Metric DIN 933 Hexagon Head Cap Screws / Bolts Full Thread

Thread D	M6	M8	M10	M12	M14	M16
S	10	13	17	19	22	24
E	11.05	14.38	18.9	21.1	24.49	26.75
K	4	5.5	7	8	9	10
Thread Pitch (Coarse)	1	1.25	1.5	1.75	2	2

- 1) Mechanical properties of stainless steel for metric DIN 933 Hexagon Head Cap Screws / Bolts Full Thread

Steel Group	Steel Grade	Strength Class	Screws, Nuts and Bolts		
			Tensile Strength N/mm ²	Dia Range	Nut Load N/mm ²
Austenitic	A2 and A4	70	700	≤M20	700
		80	800	≤M20	800

The tensile stress is calculated with reference to the tensile stress area (see DIN EN ISO 3506-1979). Nuts to be paired with the same grade of stainless steel screws.

Steel group	Property Strength class	Made from	Characteristics
Austenitic	70	A2, A4	Cold worked, normal strength formed fasteners
	80	A2, A4	Extreme cold worked, high strength, special

2) Chemical composition of stainless steel metric DIN 933 Hexagon Head Cap Screws / Bolts Full Thread

Grade	AISI Grade	C %	≤ Si %	≤ Mn %	Cr %	Mo %	Ni %
A2	304	≤ 0.07	1.0	2.0	18.0 to 20.0	-	8.0 to 10.5
A4	316L	≤ 0.03	1.0	2.0	16.5 to 18.0	2.0 to 2.5	10.0 to 14.0

Disclaimer:

Dimensional data and technical information for Metric DIN 933 Hexagon Head Cap Screws / Bolts was obtained from publicly available sources and not acquired through standards agencies. It has been completed and compiled for reference purposes only; where discrepancies are found they are subject to change without notice. Compass Fasteners Pvt Ltd makes no warranties or representations regarding the accuracy and validity of the compiled information and data. Contact the relevant standards authorities for accurate and detailed information.