

STAINLESS STEEL HEX BOLTS MINIMUM YIELD STRESS



STAINLESS HEX BOLTS - MINIMUM YIELD STRESS 0.2% (Mpa or N/mm²)

Nominal Size	Pitch mm	Stress Area mm ²	Class 50	Class 70	Class 80
M3	0.50	5.03	210	450	600
M4	0.70	8.78	210	450	600
M5	0.80	14.20	210	450	600
M6	1.00	20.10	210	450	600
M8	1.25	36.60	210	450	600
M10	1.50	58.00	210	450	600
M12	1.75	84.30	210	450	600
M14	2.00	115.00	210	450	600
M16	2.00	157.00	210	450	600
M18	2.50	192.00	210	450	600
M20	2.50	245.00	210	450	600
M22	2.50	303.00	210	450	600
M24	3.00	353.00	210	450	600
M27	3.00	459.00	210	450	600
M30	3.50	561.00	210	450	600
M33	3.50	694.00	210	450	600
M36	4.00	817.00	210	450	600



*For further technical
Information please contact
Southeast Fasteners direct*

Southeast Fastener	ABN 30117890114	
Larapinta Branch:	71 Axis Place, LARAPINTA QLD 4110	TEL: 07 3273 4400 FAX: 07 3272 4999
Eagle Farm Branch:	109A Links Avenue South, EAGLE FARM QLD 4009	TEL: 07 3268 77 88 FAX: 07 3268 5689

STAINLESS STEEL HEX BOLTS MINIMUM TENSILE STRESS



STAINLESS HEX BOLTS - MINIMUM TENSILE STRESS (Mpa or N/mm²)

Nominal Size	Pitch mm	Stress Area mm ²	Class 50	Class 70	Class 80
M3	0.50	5.03	500	700	800
M4	0.70	8.78	500	700	800
M5	0.80	14.20	500	700	800
M6	1.00	20.10	500	700	800
M8	1.25	36.60	500	700	800
M10	1.50	58.00	500	700	800
M12	1.75	84.30	500	700	800
M14	2.00	115.00	500	700	800
M16	2.00	157.00	500	700	800
M18	2.50	192.00	500	700	800
M20	2.50	245.00	500	700	800
M22	2.50	303.00	500	700	800
M24	3.00	353.00	500	700	800
M27	3.00	459.00	500	700	800
M30	3.50	561.00	500	700	800
M33	3.50	694.00	500	700	800
M36	4.00	817.00	500	700	800



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STAINLESS STEEL HEX BOLTS MINIMUM YIELD LOAD KN



STAINLESS HEX BOLTS - MINIMUM YIELD LOAD (KN)

Nominal Size	Pitch mm	Stress Area mm ²	Class 50	Class 70	Class 80
M3	0.50	5.03	1.06	2.26	3.02
M4	0.70	8.78	1.84	3.95	5.27
M5	0.80	14.20	2.98	6.39	8.52
M6	1.00	20.10	4.22	9.05	12.06
M8	1.25	36.60	7.69	16.47	21.96
M10	1.50	58.00	12.20	26.10	34.80
M12	1.75	84.30	17.70	37.90	50.60
M14	2.00	115.00	24.20	51.80	69.00
M16	2.00	157.00	33.00	70.70	94.20
M18	2.50	192.00	40.30	86.40	115.20
M20	2.50	245.00	51.50	110.30	147.00
M22	2.50	303.00	63.60	136.40	181.80
M24	3.00	353.00	74.10	158.90	211.80
M27	3.00	459.00	96.40	206.60	275.40
M30	3.50	561.00	117.80	252.50	336.60
M33	3.50	694.00	145.70	312.30	416.40
M36	4.00	817.00	171.60	367.70	490.20



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STAINLESS STEEL HEX BOLTS

MINIMUM BREAKING LOAD KN



STAINLESS HEX BOLTS - BREAKING LOAD (KN)

Nominal Size	Pitch mm	Stress Area mm ²	Class 50	Class 70	Class 80
M3	0.50	5.03	2.52	3.52	4.02
M4	0.70	8.78	4.39	6.15	7.02
M5	0.80	14.20	7.10	9.94	11.36
M6	1.00	20.10	10.05	14.07	16.08
M8	1.25	36.60	18.30	25.62	29.28
M10	1.50	58.00	29.00	40.60	46.40
M12	1.75	84.30	42.20	59.00	67.40
M14	2.00	115.00	57.50	80.50	92.00
M16	2.00	157.00	78.50	109.90	125.60
M18	2.50	192.00	96.00	134.40	153.60
M20	2.50	245.00	122.50	171.50	196.00
M22	2.50	303.00	151.50	212.10	242.40
M24	3.00	353.00	176.50	247.10	282.40
M27	3.00	459.00	229.50	321.30	367.20
M30	3.50	561.00	280.50	392.70	448.80
M33	3.50	694.00	347.00	485.80	555.20
M36	4.00	817.00	408.50	571.90	653.60



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