

STAINLESS STEEL

METRIC HEX NUTS

STAINLESS STEEL GRADE			REGULAR NUTS AND HIGH NUTS (style 1 & 2)		THIN NUTS (style 0)	
			PROPERTY CLASS	STRESS UNDER PROOF LOAD (Mpa)	PROPERTY CLASS	STRESS UNDER PROOF LOAD (Mpa)
AUSTENITC	A1 A2 A3		50	500	025	250
			70	700	035	350
			80	800	040	400
	A4 A5		50	500	025	250
			70	700	035	350
			80	800	040	400
			100	1000	050	500
	A8		70	700	035	350
			80	800	040	400
			100	1000	050	500

Reference ISO 3506.2 2020

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DIAMETER	STRESS AREA (mm²)	PROOF LOAD (N)			
		AUSTENITIC STEELS			
		CLASS 50	CLASS 70	CLASS 80	CLASS 100
M5	20.1	7100	9930	11350	14190
M6	36.6	10070	14090	16100	20130
M7	58	14430	20210	23090	28860
M8	84.3	18310	25630	29290	36610
M10	115	29000	40600	46400	57990
M12	157	42140	58990	67420	84270
M14	192	57720	80810	92360	115500
M16	245	78340	109700	125400	156700
M18	303	96240	134800	154000	192500
M20	353	122400	171400	195900	244800
M22	459	151700	212400	242800	303400
M24	561	176300	246800	282100	352600
M27	694	229800	321600	367600	459500
M30	817	280300	392500	448500	560600
M33	966	346800	485500	554900	693600
M36	1121	408400	571800	653400	816800
M39	1473	487900	683100	780700	975800

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