

Non-Pre Load Hexagon Nut BS 3692 CL8

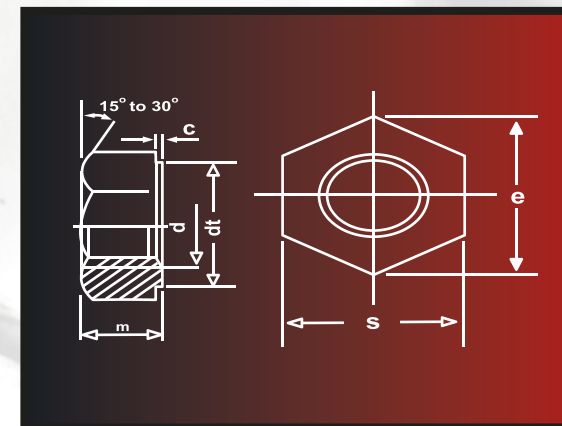
Hexagon Nut BS 3692 Class 8

Drawing

BS 3692 Hexagon Nut CL8

Normal Size and Thread Diameter <i>d</i>	Pitch of Thread <i>P</i>	Width Across Flats <i>S</i>		Width Across Corners <i>E</i>		Thickness of Nut <i>m</i>	
		max	min	max	min	max	min
M12	1.75	19.0	18.67	21.9	21.10	8.18	7.82
M14	2	22.0	21.67	25.4	24.49	9.18	8.82
M16	2	24.0	23.67	27.7	26.75	10.18	9.82
M18	2.5	27.0	36.67	31.2	30.14	12.215	11.785
M20	2.5	30.0	29.67	34.6	33.53	13.215	12.785
M22	2.5	32.0	31.61	36.9	35.72	14.215	13.785
M24	3	36.0	35.38	41.6	39.98	15.215	14.785
M27	3	41.0	40.38	47.3	45.63	17.215	16.785
M30	3.5	46.0	45.38	53.10	51.28	19.26	18.74
M33	3.5	50.0	49.38	57.7	55.80	21.26	20.74
M36	4	55.0	54.26	63.5	61.31	23.26	22.74
M39	4	60.0	59.26	69.3	66.96	26.26	24.74
M42	4.5	65.0	64.26	75.1	72.61	26.26	25.74

All Dimensions in millimeters



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Nut Thread Dia d	Stress Area Test Mandrel mm ²	Property Class	
		8	Hardness
		Tolerance Class 6H (1)	HRC
		Proof Load kN	Max
M12	84.3	67	-30
M14	115	92	-30
M16	157	125	-30
M18	192	154	-30
M20	245	196	-30
M22	303	242	-30
M24	353	282	-30
M27	459	367	-30
M30	561	448	-30
M33	694	555	-30
M36	817	653	-30
M39	976	780	-30
M42	1120	896	-30

