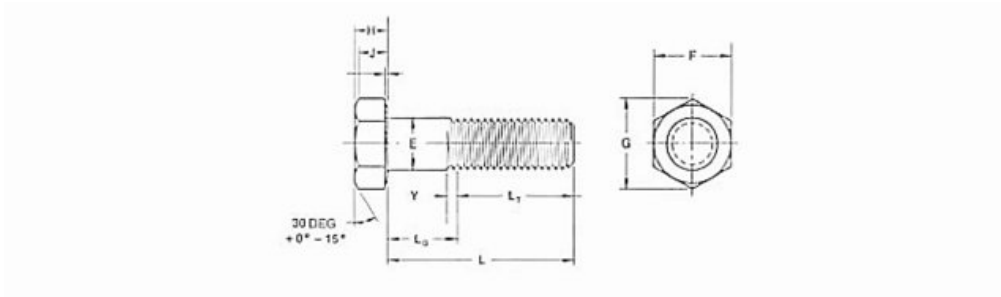


METRIC SIZES



DIMENSIONAL OF HEXAGONAL BOLTS

ISO 4014 - DIN 931-ex UNI 5737 / ISO 4017 - DIN 933-ex UNI 5739

Nom Size	E Body Diameter		F Width Across Flat		G Width Across Corner	H Height		LT thread length		
	max	min	max	min	min	max	min	up to 120	up to 200	over 200
M8	8	7.64	13.00	12.57	14.20	5.54	5.06	22	28	
M10	10	9.64	16.00	15.57	17.59	6.69	6.11	26	32	45
M12	12	11.57	18.00	17.57	19.85	7.79	7.21	30	36	49
M14	14	13.57	22.00	21.16	23.91	9.09	8.51	34	40	53
M16	16	15.57	24.00	23.16	26.17	10.29	9.71	38	44	57
M18	18	17.57	27.00	26.16	29.56	11.85	11.15	42	48	61
M20	20	19.48	30.00	29.16	32.95	12.85	12.15	46	52	65
M22	22	21.48	32.00	31.00	35.03	14.35	13.65	50	56	69
M24	24	23.48	36.00	35.00	39.55	15.35	14.65	54	60	73
M27	27	26.48	41.00	40.00	45.20	17.35	16.65	60	66	79
M30	30	29.48	46.00	45.00	50.85	19.12	18.28	66	72	85
M33	33	32.38	50.00	49.00	55.37	21.42	20.58	72	78	91
M36	36	35.38	55.00	53.80	60.79	22.92	22.08	78	84	97
M39	39	38.38	60.00	58.80	66.44	25.42	24.58	84	90	103
M42	42	41.38	65.00	63.10	71.30	26.42	25.58	90	96	109
M45	45	44.38	70.00	66.10	76.95	28.42	27.58	96	102	115
M48	48	47.38	75.00	73.10	82.60	30.42	29.58	102	108	121
M52	52	51.26	80.00	78.10	88.25	33.50	32.50	-	116	129