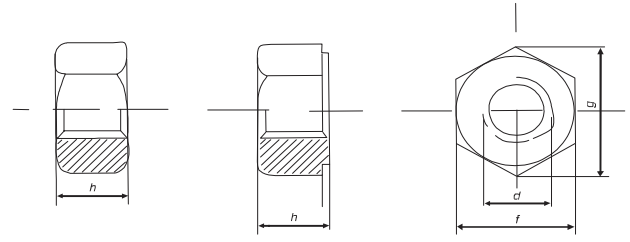


## TECHNICAL ENCLOSURE

### HEAVY HEX NUTS ANSI B18.2.2 - TABLE 9

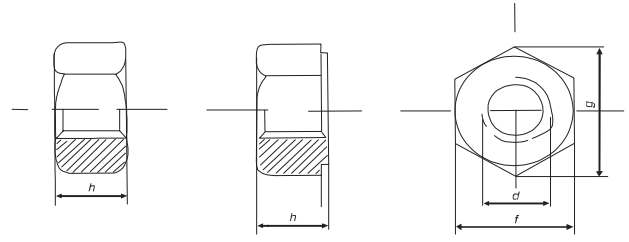


### DIMENSION (mm) AND WEIGHT (Kg) PER 100 PIECES (IMPERIAL SIZE)

d	f (inches)	f		g			h		WEIGHT
		Max	Min	Max	Min	Nom.	Max	Min	
3/8"	1.1/16"	17.5	17	20.2	19.4	9.1	9.6	8.7	1.52
7/16"	3/4"	19.1	18.5	22	21.1	10.7	11.2	10.2	2.03
1/2"	7/8"	22.2	21.6	25.7	24.8	12.3	12.8	11.8	3.21
9/16"	15/16"	23.8	23	27.5	26.3	13.9	14.4	13.3	3.99
5/8"	1.1/16"	27	26.2	31.2	29.8	15.5	16	14.9	5.09
3/4"	1.1/4"	31.8	30.8	36.7	35.1	18.7	19.3	18	8.82
7/8"	1.7/16"	36.5	35.4	42.2	40.4	21.8	22.5	21.2	12.95
1"	1.5/8"	41.3	40	47.7	45.6	25	25.7	24.3	18.45
1.1/8"	1.13/16"	46	44.6	53.2	50.9	28.2	28.9	27.4	25.42
1.1/4"	2"	50.8	49.2	58.6	56.1	31	31.8	30.1	33.09
1.3/8"	2.3/16"	55.6	53.8	64.2	61.4	34.1	35	33.3	43.18
1.1/2"	2.3/8"	60.3	58.4	69.6	66.6	37.3	38.2	36.4	55.1
1.5/8"	2.9/16"	65.1	63	75.2	71.8	40.5	41.5	39.5	71.42
1.3/4"	2.3/4"	69.9	67.6	80.6	77.1	43.7	44.7	42.6	86.13
1.7/8"	2.15/16"	74.6	72.2	86.2	82.3	46.8	47.9	45.8	106.29
2"	3.1/8"	79.4	76.8	91.6	87.6	50	51.1	48.9	129.54
2.1/4"	3.1/2"	88.9	86	102.6	98.1	56	57.2	54.7	181.93
2.1/2"	3.7/8"	98.4	95.3	113.6	108.6	62.3	63.6	61	250
2.3/4"	4.1/4"	108	104.4	124.6	119.1	68.7	70.1	67.2	319.82
3"	4.5/8"	117.5	113.7	135.6	129.6	75	76.5	73.5	395.2
3.1/4"	5"	127	122.9	146.7	140.1	81	82.6	79.3	487.13
3.1/2"	5.3/8"	136.5	132.1	157.7	150.6	87.3	89.1	85.6	645.13
3.3/4"	5.3/4"	146.1	141.3	168.7	161.1	93.7	95.5	91.8	783.2
4"	6.1/8"	155.6	150.5	179.7	171.6	100	102	98.1	980

## TECHNICAL ENCLOSURE

### HEX NUTS ISO 4033



### METRIC RANGE - DIMENSION (mm) AND WEIGHT (Kg) PER 100 PIECES

d	s		e		m		WEIGHT
	Max	Min	Max	Min	Max	Min	
M10	17.00	16.73	19.60	18.90	10.00	9.64	1.43
M12	19.00	18.67	21.90	21.10	12.00	11.57	2.03
M14	22.00	21.67	25.40	24.49	14.00	13.57	3.14
M16	24.00	23.67	27.70	26.75	16.00	15.57	4.05
M18	27.00	26.67	31.10	30.14	18.00	17.57	5.82
M20	30.00	29.67	34.60	33.53	20.00	19.48	7.91
M22	32.00	31.61	36.90	35.72	22.00	21.48	9.49
M24	36.00	35.38	41.50	39.98	24.00	23.48	13.70
M27	41.00	40.38	47.30	45.63	27.00	26.48	20.00
M30	46.00	45.38	53.10	51.28	30.00	29.48	28.40
M33	50.00	49.26	57.70	55.80	33.00	32.38	36.10
M36	55.00	54.26	63.50	61.31	36.00	35.38	48.30
M39	60.00	59.26	69.30	66.95	39.00	38.38	62.30
M42	65.00	64.26	75.00	72.61	42.00	41.38	79.50
M45	70.00	69.26	80.80	78.26	45.00	44.38	98.80
M48	75.00	74.26	86.50	83.91	48.00	47.38	122.00
M52	80.00	79.26	92.40	89.56	52.00	51.38	147.00
M56	85.00	84.15	98.10	95.07	56.00	55.26	177.00
M60	90.00	89.13	103.90	100.72	60.00	59.26	208.00
M64	95.00	94.13	109.70	106.37	64.00	63.26	245.00
M68	100.00	99.13	115.50	112.02	68.00	67.26	284.00
M72	105.00	104.13	121.25	117.67	72.00	71.26	327.00
M76	110.00	109.13	127.00	123.32	76.00	75.26	374.00
M80	115.00	114.13	132.80	128.97	80.00	79.26	425.00
M85	120.00	119.13	138.60	134.62	85.00	84.13	483.00
M90	130.00	129.00	150.10	145.77	90.00	89.13	606.00
M95	135.00	134.00	155.90	151.42	95.00	94.13	680.00