

Metric - Imperial Conversions

Dia.	ISO COARSE		ISO FINE		B.S.W.	B.S.F.	U.N.C.	U.N.F.	Dia.
	Pitch mm	T.P.I. (approx)	Pitch mm	T.P.I. (approx)	T.P.I.	T.P.I.	T.P.I.	T.P.I.	
M6	1,0	25.4	0,75	34.0	20	26	20	28	1/4" (0,2500")
M8	1,25	20.3	1,0	25.4	18	22	18	24	5/16" (0,3125")
M10	1,5	17.0	1,25	20.3	16	20	16	24	3/8" (0,3750")
M12	1,75	14.5	1,25	20.3	14	18	14	20	7/16" (0,4375")
					12	16	13	20	1/2" (0,5000")
M14	2,0	12.7	1,5	17.0	12	16	12	18	9/16" (0,5625")
M16	2,0	12.7	1,5	17.0	11	14	11	18	5/8" (0,6250")
M20	2,5	10.1	1,5	17.0	10	12	10	16	3/4" (0,7500")
M22	2,5	10.1	1,5	17.0	9	11	9	14	7/8" (0,8750")
M24	3,0	8.5	2,0	12.7	8	10	8	12	1" (1,000")
M27	3,0	8.5	2,0	12.7	7	9	7	12	1-1/8" (1,125")
M30	3,5	7.3	2,0	12.7					
M33	3,5	7.3	2,0	12.7	7	9	7	12	1-1/4" (1,250")
M36	4,0	6.4	3,0	8.5	6	8	6	12	1-3/8" (1,375")
M39	4,0	6.4	3,0	8.5	6	8	6	12	1-1/2" (1,500")

Conversion Factors

Length	1 mm	0.03937in
	1 in	25,40 mm
Area	1 mm	0,0016 in
	1 in	645,2 mm
Force	1N	0,2248 lbf (1kN = 1000N)
	1 lbf	4,448 N
	1 kgf	9,806 N
	1 N	0,1020 kgf
Mass	1 lb	0,454 kg
	1 kg	2,205 lb

Torque	1 Nm	8,851 lbf in
	1lb in	0,1130 Nm
	1 Nm	0,1020 kgfm
	1 kgfm	86,80 lbf in
Stress	1 N/mm	145 lbf/in
	1 lbf/in	0,0069N/mm
	1 N/mm	0,1020kgf/mm
	1 kgf/mm	9,806 N/mm