



Dimensions of Threads for Rigid Steel Conduit

Inch-Pound Units					Metric Units				
Trade Size	Threads Per in.	Pitch diameter at end of thread E_{θ} , taper $\frac{3}{4}$ in. per ft. ^b	Length of Thread (in.)		Metric Designator	Threads Per 25.4	Minimum Straight Length L_s at Each End (mm)	Length of Thread (mm)	
			Effective L_2	Overall L_4^a				Effective L_2	Overall
1/2	14	0.758	0.53	0.78	16	14	19.3	13.5	19.8
3/4	14	0.968	0.55	0.79	21	14	24.6	14.0	20.1
1	11-1/2	1.214	0.68	0.98	27	11-1/2	30.8	17.3	24.9
1-1/4	11-1/2	1.557	0.71	1.01	35	11-1/2	39.5	18.0	25.7
1-1/2	11-1/2	1.796	0.72	1.03	41	11-1/2	45.6	18.3	26.2
2	11-1/2	2.269	0.76	1.06	53	11-1/2	57.6	19.3	26.9
2-1/2	8	2.720	1.14	1.57	63	8	69.1	29.0	39.9
3	8	3.341	1.20	1.63	78	8	84.9	30.5	41.4
3-1/2	8	3.838	1.25	1.68	91	8	97.5	31.8	42.7
4	8	4.334	1.30	1.73	103	8	110.1	33.0	43.9
5	8	5.391	1.41	1.84	129	8	136.9	35.8	46.7
6	8	6.446	1.51	1.95	155	8	163.7	38.4	49.5

Applicable Tolerances

Thread length (L_4) +1 thread, recommended practice +0, -1

Pitch diameter +1 turn is the maximum variation permitted from the gauging face of the working thread gauges