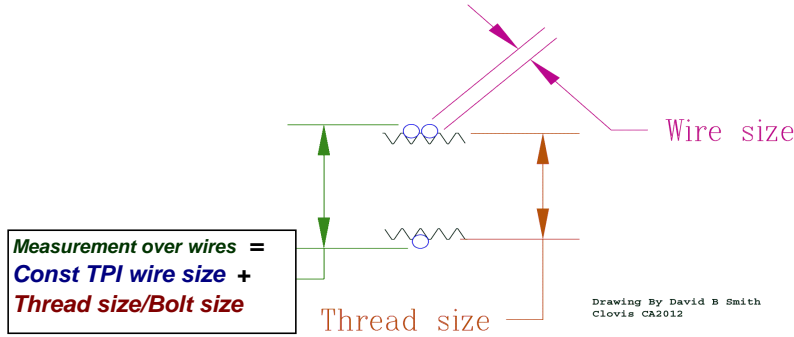


# Three wire method of checking pitch diameter of screw threads



Bolt size in inches / Thread size		TPI	Wire Size	Const TPI Wire Size Const	Measurement over wires
#3 NC	0.099	48	0.018	0.03596	0.1350
#4 NC	0.1120	40	0.018	0.03235	0.1444
#5 NC	0.1250	40	0.018	0.03235	0.1574
#6 NC	0.1380	32	0.024	0.04494	0.1829
#8 NC	0.1640	32	0.024	0.04494	0.2089
#10 NC	0.1900	24	0.029	0.05092	0.2409
1/4 NC	0.2500	20	0.029	0.0437	0.2937
5/16 NC	0.3125	18	0.032	0.04789	0.3604
3/8 NC	0.3750	16	0.04	0.06587	0.4409
7/16 NC	0.4375	14	0.04	0.05814	0.4894
1/2 NC	0.5000	13	0.045	0.06838	0.5684
9/16 NC	0.5625	12	0.055	0.09283	0.6553
5/8 NC	0.6250	11	0.055	0.08627	0.7113
3/4 NC	0.7500	10	0.055	0.0784	0.8284
7/8 NC	0.8750	9	0.063	0.09277	0.9678
1" NC	1.0000	8	0.072	0.10775	1.1078

Bolt size in inches / Thread size		TPI	Wire Size	Const TPI Wire Size Const	Measurement over wires
#4 NF	0.112	48	0.018	0.03596	0.1480
#5 NF	0.125	44	0.018	0.03432	0.1593
#6 NF	0.1380	40	0.018	0.03235	0.1704
#8NF	0.1640	36	0.018	0.02994	0.1939
#10 NF	0.1900	32	0.024	0.04494	0.2349
1/4 NF	0.2500	28	0.024	0.04107	0.2911
5/16 NF	0.3125	24	0.029	0.05092	0.3634
3/8 NF	0.3750	24	0.029	0.05092	0.4259
7/16 NF	0.4375	20	0.029	0.0437	0.4812
1/2 NF	0.5000	20	0.029	0.0437	0.5437
9/16 NF	0.5625	18	0.032	0.04789	0.6104
5/8 NF	0.6250	18	0.032	0.04789	0.6729
3/4 NF	0.7500	16	0.04	0.06587	0.8159
7/8 NF	0.8750	14	0.04	0.05814	0.9331
1 NF	1.0000	12	0.055	0.09283	1.0928