

TPI - Threads Per Inch, the number of threads per inch length of thread. Place a ruler against a bolt, count the number of peaks, then you have Threads Per Inch.

There are various Thread Forms;

BA - British Association

BSC - British Cycle Thread.

BSF - British Standard Fine.

UNF - Unified Fine Thread.

BSC = British Cycle Thread				
<u>SIZE</u>	<u>THREAD</u>	<u>TPI</u>	<u>DIA</u>	<u>DRILL</u>
1/8	BSC	40	0.125	0.098
5/32	BSC	32	0.156	0.123
3/16	BSC	32	0.188	0.154
7/32	BSC	26	0.219	0.178
1/4	BSC	26	0.25	0.209
9/32	BSC	26	0.281	0.24
5/16	BSC	26	0.313	0.272
3/8	BSC	26	0.375	0.334
7/16	BSC	26	0.438	0.397
1/2	BSC	26	0.5	0.459
9/16	BSC	26	0.563	0.522
5/8	BSC	26	0.625	0.584
11/16	BSC	26	0.688	0.647
3/4	BSC	26	0.75	0.709
7/16	BSC	20	0.438	0.384
1/2	BSC	20	0.5	0.447
9/16	BSC	20	0.563	0.509
5/8	BSC	20	0.625	0.572
11/16	BSC	20	0.688	0.634
3/4	BSC	20	0.75	0.697
BSF = British Standard Fine				

<u>SIZE</u>	<u>THREAD</u>	<u>TPI</u>	<u>DIA</u>	<u>DRILL</u>
3/16	BSF	32	0.188	0.148
7/32	BSF	28	0.219	0.173
1/4	BSF	26	0.25	0.201
5/16	BSF	22	0.313	0.254
3/8	BSF	20	0.375	0.311
7/16	BSF	18	0.438	0.366
1/2	BSF	16	0.5	0.42
9/16	BSF	16	0.563	0.483
5/8	BSF	14	0.625	0.534
3/4	BSF	12	0.75	0.643
7/8	BSF	11	0.875	0.759
SPARK = Spark Plug Thread				
<u>SIZE</u>	<u>THREAD</u>	<u>TPI</u>	<u>DIA</u>	<u>DRILL</u>
1/4	SPARK	24	0.25	0.196
3/8	SPARK	24	0.375	0.321
7/8	SPARK	18	0.875	0.803
UNF = Unified Fine				
<u>SIZE</u>	<u>THREAD</u>	<u>TPI</u>	<u>DIA</u>	<u>DRILL</u>
1/4	UNF	28	0.25	0.206
5/16	UNF	24	0.313	0.261
3/8	UNF	24	0.375	0.324
7/16	UNF	20	0.438	0.376
1/2	UNF	20	0.5	0.439
9/16	UNF	18	0.563	0.494
5/8	UNF	18	0.625	0.557
3/4	UNF	16	0.75	0.673
7/8	UNF	14	0.875	0.787