

Helpful Guide For Various Thread Sizes And Dimensions.

British Thread Sizes

Here is a list of British Thread Sizes which you may find useful. These lists can be emailed should you require hard copies.

Technical Terms:

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.

<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
<u>BSF = British Standard Fine</u>				
<u>SIZE</u>	<u>THEAD</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
<u>SPARK = Spark Plug Thread</u>				
<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