

THREAD COMPARISON CHART



Moulded threads approximate to Class 6g/6H for metric parts and 2A/2B for unified parts. Screws are moulded in tools which part along the length of the screw and it is not possible to guarantee production of perfectly round threads. In addition nylon will absorb moisture causing changes in screw thread dimensions. For these reasons it is not possible to guarantee threads on standard parts to tolerances usually applied to metal threads. Customers are advised to evaluate samples before placing production orders.

- **Good chemical resistance**
- **Provides electrical insulation**
- **Will not corrode**
- **Prevents damage caused by over tightening**
- **Can be dyed to achieve a specific colour match**
- **Wide variety of head styles and thread lengths**

NOMINAL SCREW SIZES			Major Diameter (Max.)		Threads per	
British	Unified	Metric	Inch	mm	Inch	()
8 BA	2 UNC	2	.078	(1.98)	63.5	(.40)
8 BA	2 UNC		.085		56	
8 BA	2 UNF		.085		64	
8 BA	-	2.2	.086	(2.18)	56.4	(.45)
8 BA	-		.086		59.1	(.43)
7 BA	-		.097		52.9	(.48)
6 BA	3 UNC	2.5	.098	(2.48)	56.4	(.45)
6 BA	3 UNC		.098		48	
6 BA	3 UNF		.098		56	
6 BA	-		.109		47.5	(.53)
8 BSW	4 UNC		.111		40	
8 BSW	4 UNF		.111		48	
8 BSW	-	3	.117	(2.98)	50.8	(.50)
8 BSW	-		.124		40	
5 BA	5 UNC		.124		40	
5 BA	5 UNF		.124		44	
5 BA	-		.125		43.1	(.59)
4 BA	-	3.5	.137	(3.48)	42.3	(.60)
4 BA	6 UNC		.137		32	
4 BA	6 UNF		.137		40	
4 BA	-		.141		38.5	(.66)
3 BA	-	4	.157	(3.98)	36.3	(.70)
3 BA	-		.160		34.8	(.73)
2 BA	8 UNC		.163		32	
2 BA	8 UNF		.163		36	
2 BA	-	4.5	.177	(4.48)	33.9	(.75)
2 BA	-		.184		31.4	(.81)
3/16 BSW	-		.186		24	
3/16 BSF	-		.186		32	
1 BA	10 UNC		.189		24	
1 BA	10 UNF		.189		32	
1 BA	-	5	.196	(4.98)	31.8	(.80)
1 BA	-		.208		28.2	(.90)
7/32 BSF	12 UNC		.215		24	
7/32 BSF	12 UNF		.215		28	
7/32 BSF	-		.218		28	
0 BA	-	6	.235	(5.97)	25.4	(1.00)
4 BSW	-		.235		25.4	(1.00)
4 BSW	-		.249		20	
4 BSF	-		.249		26	
3/32 BSF	4 UNC		.249		20	
3/32 BSF	4 UNF		.249		28	
3/32 BSF	-	7	.275	(6.97)	25.4	(1.00)
3/32 BSF	-		.280		26	
5/16 BSW	-		.311		18	
5/16 BSF	-		.311		22	
3/8 BSW	5/16 UNC		.311		18	
3/8 BSW	5/16 UNF		.311		24	
3/8 BSW	-	8	.314	(7.97)	20.3	(1.25)
3/8 BSW	-	9	.353	(8.97)	20.3	(1.25)
3/8 BSW	-		.374		16	
3/8 BSF	-		.374		20	
7/16 BSW	3/8 UNC		.374		16	
7/16 BSW	3/8 UNF		.374		24	
7/16 BSW	-	10	.393	(9.97)	16.9	(1.50)
7/16 BSW	-	11	.431	(10.97)	16.9	(1.50)
7/16 BSW	-		.436		14	
7/16 BSF	-		.436		18	
2 BSW	7/16 UNC		.436		14	
2 BSW	7/16 UNF		.436		20	
2 BSW	-	12	.471	(11.97)	14.5	(1.75)
2 BSW	-		.499		12	
2 BSF	-		.499		16	
	2 UNC		.499		13	
	2 UNF		.499		20	

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