



All types and tolerance classes can be produced with UN unified thread turning and thread milling tools.

When the thread is smaller than 1/4", the diameter is given with a number from No. 0 to No. 12 (No. # x 0.013" + 0.060").

Mostly, the pitch is not written as it is determined of the diameter for UNC, UNF and UNEF threads.

If no tolerance class is written, it means that the tolerance is 2A for external threads and 2B for internal.

It is not necessary to write RH for right hand thread as almost all threads are right handed.

1/4 - UNC is a simplified writing of 1/4 - 20 UNC - 2A/2B - RH.

UNC	thread with coarse pitch
UNF	thread with fine pitch
UNEF	thread with extra fine pitch
UN	thread with constant pitch

	external	internal
Loose tolerance	1A	1B
Medium tolerance	2A	2B
Tight tolerance	3A	3B

Thread Profile Depth	
external	15,581 / TPI
internal	13,748 / TPI

Thread	Diameter mm	Pitch TPI		
		UNC	UNF	UNEF
No. 0	1,524	80	-	-
No. 1	1,854	64	72	-
No. 2	2,184	56	64	-
No. 3	2,515	48	56	-
No. 4	2,845	40	48	-
No. 5	3,175	40	44	-
No. 6	3,505	32	40	-
No. 8	4,166	32	36	-
No. 10	4,826	24	32	-
No. 12	5,486	24	28	32
1/4	6,350	20	28	32
5/16	7,937	18	24	32
3/8	9,525	16	24	32
7/16	11,112	14	20	28
1/2	12,700	13	20	28
9/16	14,287	12	18	24
5/8	15,875	11	18	24
3/4	19,050	10	16	20
7/8	22,225	9	14	20
1	25,400	8	12	20
1 1/16	26,988	-	-	18
1 1/8	28,575	7	12	18
1 3/16	30,162	-	-	18
1 1/4	31,750	7	12	18
1 5/16	33,338	-	-	18
1 3/8	34,925	6	12	18
1 7/16	36,512	-	-	18
1 1/2	38,100	6	12	18
1 9/16	39,688	-	-	18
1 5/8	41,275	-	-	18
1 11/16	42,862	-	-	18
1 3/4	44,450	5	-	-
2	50,800	4 1/2	-	-
2 1/4	57,150	4 1/2	-	-
2 1/2	63,500	4	-	-
2 3/4	69,850	4	-	-
3	76,200	4	-	-
3 1/4	82,550	4	-	-
3 1/2	88,900	4	-	-
3 3/4	95,250	4	-	-
4	101,600	4	-	-