

## Threads and pitches

Threads are not always given with a pitch. When metric threads (M) are specified the pitch is often only given if it isn't the recognized standard pitch. The following are a few examples of standard thread diameters and their pitch when the pitch is not specified.

*N.B. When diameter and pitch are separated by – then the diameter is in inches and the pitch in TPI. When diameter and pitch are separated by x then the diameter is in mm and the pitch in mm.*

<b>M</b>	<b>BSW</b>	<b>BSF</b>	<b>Whitworth</b>	<b>Tr</b>	<b>OTHERS</b>
1x0,25	1/4-20	7/32-28	Tapered pipe threads	8x1,5	Suggestions welcomed.
1,2x0,25	5/16-18	1/4-26	<b>R</b> =external tapered	10x2	
1,4x0,3	3/8-16	9/32-26	<b>Rc</b> =internal tapered	12x3	
1,6x0,35	7/16-14	5/16-22	<b>Rp</b> = internal parallel	16x4	
1,8x0,35	1/ 2-12	3/8-20		20x4	
2x0,4	5/8-11	7/16-18		24x5	
2,2x0,45	3/4-10	1/ 2-16		28x5	
2,5x0,45	7/8-9	5/8-11		32x6	
3x0,5	1-8	11/16-14		36x6	
3,5x0,6	1 1/8-7	3/4-12	Straight pipe threads	40x7	
4x0,7	1 1/4-7	13/16-12	<b>G</b>	44x7	
4,5x0,75	1 3/8-6	7/8-11		48x8	
5x0,8	1 1/2-6	1-10		52x8	
6x1	1 5/8-5	1 1/8-9	1/16-28	60x9	
7x1	1 3/4-5	1 1/4-9	1/8-28	70x10	
8x1,25	1 7/8-4½	1 3/8-8	1/4-19	80x10	
9x1,25	2-4½	1 1/2-8	3/8-19	90x12	
10x1,5	2 1/4-4	1 5/8-8	1/2-14	100x12	
11x1,5	2 1/2-4	1 3/4-7	3/4-14	120x14	
12x1,75	2 3/4-3½	2-7	1-11	140x14	
14x2	3-3½	2 1/4-6	1 1/4-11	160x16	
16x2	3 1/4-3¼	2 1/2-6	1 1/2-11	180x18	
18x2,5	3 1/2-3¼	2 3/4-6	2-11	200x18	
20x2,5	3 3/4-3	3-5	2 1/2-11	220x20	
22x2,5	4-3		3-11	240x22	
24x3	4 1/4-2 <sup>7</sup> / <sub>8</sub>		4-11	260x22	
27x3	4 1/2-2 <sup>7</sup> / <sub>8</sub>		5-11	280x24	
30x3,5	4 3/4-2 <sup>3</sup> / <sub>4</sub>		6-11	300x24	
33x3,5	5-2 <sup>3</sup> / <sub>4</sub>				
36x4	5 1/4-2 <sup>5</sup> / <sub>8</sub>				
39x4	5 1/2-2 <sup>5</sup> / <sub>8</sub>				
42x4,5	5 3/4-2½				
48x5	6-2½				
52x5					
56x5,5					
60x5,5					
64x6					
68x6					